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The Resources Agency

Department of
Water Resources

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Kaweah River Flows, Diversions and Storage 1975-1980

Bulletin 49-F
September 1983



**Department of
Water Resources
Bulletin 49-F**

Kaweah River Flows, Diversions and Storage 1975-1980

September 1983

Gordon K. Van Vleck
Secretary for Resources

George Deukmejian
Governor

David N. Kennedy
Director

**The Resources
Agency**

**State of
California**

**Department of
Water Resources**

FOREWORD

Bulletin 49F is the seventh in a series of reports published by the Department of Water Resources and its predecessors under cooperative agreement between the Kaweah Delta Water Conservation District, the Kaweah and St. Johns Rivers Association, and the State of California.

The first report, Bulletin 49, entitled "Kaweah River Flows, Diversions and Service Areas", was published in 1940 and presented all data available through September 30, 1939 covering some 22 years of record. Subsequent bulletins have been published through September 30, 1975 as 49A, 49B, 49C, 49D, and 49E.

Terminus Dam was completed in May 1962, at which time an interim contract between the U. S. Corps of Engineers and downstream interests was initiated for storage in Terminus Reservoir which changed the delivery schedules of Kaweah River water. On March 1, 1974, a new operation agreement was approved by the various agencies. A copy of this agreement is presented in Appendix D to Bulletin 49E.

The Department of Water Resources entered into Cooperative Agreement No. 162694 on October 9, 1980 with the Kaweah Delta Water Conservation District and the Kaweah and St. Johns Rivers Association to compile and publish this bulletin, which presents data for the period October 1, 1975 through September 30, 1980.



David N. Kennedy, Director
Department of Water Resources
The Resources Agency
State of California

TABLE OF CONTENTS

	<u>Page</u>
FOREWORD	iii
ORGANIZATION	xiii
ACKNOWLEDGMENT	xiii
CALIFORNIA WATER COMMISSION ORGANIZATION	xiv
COOPERATIVE AGREEMENT	xv
INTRODUCTION	1
APPENDIX A: STREAMFLOW RECORDS	3
APPENDIX B: CANAL DIVERSIONS AND CENTRAL VALLEY PROJECT DELIVERIES	47
APPENDIX C: STORAGE OPERATIONS	195
CONVERSION FACTORS	(inside back cover)

TABLES

Appendix A - Streamflow Records

<u>Number</u>		
A-1	Kaweah River at Three Rivers	6
A-2	South Fork Kaweah River at Three Rivers	9
A-3	Dry Creek near Lemoncove	12
A-4	Cottonwood Creek near Elderwood	15
A-5	Sand Creek near Orange Cove	18
A-6	Hawkeye Ditch	21
A-7	Lemoncove Ditch	24
A-8	Foothill Ditch	27
A-9	Foothill Ditch Water Transferred to Tulare County	30
A-10	Wutchumna Ditch	32
A-10a	Wutchumna Ditch for Hawkeye Ditch	35

TABLES
(continued)

<u>Number</u>		<u>Page</u>
A-10b	Wutchmuna Ditch for Transfer	36
A-11	Kaweah River at McKay Point Total Flow	37
A-12	Lower Kaweah River below McKay Point	40
A-13	St. Johns River below McKay Point	43

Appendix B - Canal Diversions and
Central Valley Project Deliveries

Lower Kaweah River

B-1	Hamilton Ditch	50
B-2	Hanna Ranch Riparian	53
B-3	Consolidated Peoples Ditch	56
B-4	Lower Kaweah below Peoples Ditch	59
B-5	Deep Creek	62
B-6	Crocker Cut for Tulare Irrigation District	65
B-7	Tulare Irrigation Company	68
B-8	Fleming Ditch	71
B-9	Packwood Creek from Lower Kaweah	74
B-10	Oakes Ditch	77
B-11	Evans Ditch	80
B-12	Mill Creek (Lower Kaweah River)	83
B-13	Persian Ditch at Mill Creek	86
B-14	North Branch Persian Ditch	89
B-15	Watson Ditch	92
B-16	Elk Bayou at Road 96	95

TABLES
(continued)

<u>Number</u>		<u>Page</u>
	<u>St. Johns River</u>	
B-17	Longs Canal	98
B-18	Sweeney Ditch	101
B-19	Ketchum Ditch at Head	104
B-19a	Ketchum Ditch (a)	107
B-19b	Ketchum Ditch (b)	110
B-20	Packwood Canal from St. Johns River	113
B-21	Tulare Irrigation District from St. Johns River	116
B-22	Fisher Ranch Riparian	119
B-23	Mathews Ditch	122
B-24	Uphill Ditch	125
B-25	Modoc Ditch	128
B-25a	Modoc Ditch (a)	131
B-26	St. Johns Ditch	132
B-27	Goshen Ditch	135
B-27a	Goshen Ditch (a)	138
B-28	Harrell Ranch - Upper Diversion	140
B-28a	Harrell Ranch - Lower Diversion	143
B-28b	Harrell Ranch - South Side St. Johns River	146
B-28c	Harrell Ranch - South Side St. Johns River at Road 92	149
B-29	Lakeside Ditch	151
B-30	Kings River Water through Lakeside Headgate	154
B-30a	St. Johns River Water through Lakeside Headgate	157
B-30b	Other St. Johns River Sources through Lakeside Headgate	159

TABLES
(continued)

<u>Number</u>		<u>Page</u>
B-30c	Other Water through Lakeside Headgate	160
B-30d	St. Johns River Water Released from Lakeside Storage . . .	162
B-31	Lakeland Canal No. 2 for Corcoran Irrigation District . . .	164
B-32	Tulare Irrigation District from Wutchumna Ditch	166
B-33	Kaweah River Water in Cross Creek below Kansas Avenue . . .	169
 <u>Central Valley Project Deliveries</u> 		
B-34	Central Valley Project Water to Tulare Irrigation District at Friant-Kern Canal	170
B-34a	Central Valley Project Water to Tulare Irrigation District at St. Johns River	173
B-34b	Central Valley Project Water to Tulare Irrigation District at Lower Kaweah River	175
B-34c	Central Valley Project Water to Tulare Irrigation District through Lakeside Headgate	178
B-35	Central Valley Project Water to Kaweah Delta Water Conservation District at St. Johns River	179
B-35a	Central Valley Project Water to Kaweah Delta Water Conservation District at Lower Kaweah River	181
B-35b	Central Valley Project Water to Kaweah Delta Water Conservation District at Friant-Kern Canal	182
B-35c	Central Valley Project Water to Kaweah Delta Water Conservation District through Lakeside Headgate . . .	183
B-36	Central Valley Project Water to Lakeside Irrigation Water District at St. Johns River	184
B-36a	Central Valley Project Water to Lakeside Irrigation Water District through Lakeside Headgate	185
B-37	Central Valley Project Water to Kings County Water District at St. Johns River	186
B-37a	Central Valley Project Water to Kings County Water District at Lower Kaweah River	188

TABLES
(continued)

<u>Number</u>		<u>Page</u>
B-37b	Central Valley Project Water to Kings County Water District through Lakeside Headgate	189
B-37c	Central Valley Project Water from Kings County Water District through Lakeside Headgate	190
B-37d	Central Valley Project Water to Kings County Water District at Kings River Wasteway	191
B-38	Central Valley Project Water to City of Visalia at St. Johns River	192
B-39	Central Valley Project Operational Spill at St. Johns River	194

Appendix C - Storage Operations

C-1	Hawkeye Ditch	198
C-2	Hamilton Ditch	203
C-2a	Hamilton Ditch from Foothill Ditch	208
C-3	Consolidated Peoples Ditch Company	209
C-4	Consolidated Peoples Ditch Company from Sweeney Ditch Storage	214
C-5	Consolidated Peoples Ditch Company from Farmers Ditch Storage	216
C-6	Farmers Ditch Company	217
C-7	Tulare Irrigation District Transferred from Hawkeye Ditch	221
C-7a	Tulare Irrigation District Transferred from Fleming Ditch	224
C-8	Tulare Irrigation District from Crocker Cut	225
C-9	Tulare Irrigation District from Packwood Canal	228
C-10	Tulare Irrigation District from St. Johns River	230
C-11	Tulare Irrigation District from Deep Creek	232

TABLES
(continued)

<u>Number</u>		<u>Page</u>
C-12	Tulare Irrigation District from Central Valley Project Exchange	234
C-13	Tulare Irrigation District from Central Valley Project Exchange (Lower Kaweah)	235
C-14	Tulare Irrigation District from Central Valley Project Exchange (St. Johns River)	236
C-15	Tulare Irrigation District from Packwood Creek	237
C-16	Tulare Irrigation District from Evans Ditch	239
C-17	Tulare Irrigation Company from Lower Kaweah	240
C-18	Tulare Irrigation Company from Ketchum Ditch	243
C-19	Fleming Ditch Company from Lower Kaweah	245
C-20	Fleming Ditch Company from Ketchum Ditch	249
C-21	Kaweah Delta Water Conservation District	253
C-22	Kaweah Delta Water Conservation District from Central Valley Project	255
C-23	Oakes Ditch Company from Lower Kaweah	256
C-24	Oakes Ditch Company from Ketchum Ditch	260
C-25	Corcoran Irrigation Company	264
C-26	Evans Ditch Company from Lower Kaweah	265
C-27	Evans Ditch Company from Ketchum Ditch	269
C-28	Watson Ditch Company from Lower Kaweah	273
C-29	Watson Ditch Company from Ketchum Ditch	277
C-30	Lakeside Ditch Company	281
C-31	Lakeside Ditch Company from Central Valley Project Exchange	283
C-32	Lakeside Ditch Company from Corcoran Irrigation District	284

TABLES
(continued)

<u>Number</u>		<u>Page</u>
C-33	Persian Ditch Company from Lower Kaweah	285
C-34	Persian Ditch Company from Ketchum Ditch	287
C-35	Longs Canal Company	291
C-36	Sentinel Butte Mutual Water Company	295
C-37	Sweeney Ditch Company	297
C-38	Mathews Ditch Company	299
C-39	Jennings Ditch Company	303
C-40	Uphill Ditch Company	306
C-41	Modoc Ditch Company	310
C-42	St. Johns Ditch Company	314
C-43	Goshen Ditch Company	318
C-44	Operation Pool	319
C-45	Tulare County Recreational Storage	322

STATE OF CALIFORNIA
George Deukmejian, Governor

THE RESOURCES AGENCY
Gordon K. Van Vleck, Secretary for Resources

DEPARTMENT OF WATER RESOURCES
David N. Kennedy, Director

Alex R. Cunningham
Deputy Director

Howard H. Eastin
Acting Deputy Director

Arthur C. Gooch
Acting Deputy Director

SAN JOAQUIN DISTRICT

Louis A. Beck Chief

The activity under which this bulletin was
prepared is directed by

Richard W. Meffley Chief, Water Supply Branch

This bulletin was prepared by

William A. Mancebo Chief, Surface Water Section

assisted by

Kenneth W. Winden Senior Delineator
Arthur Parra Junior Engineering Technician
Carol H. Scharding Senior Stenographer
Josephine R. Ontiberos Office Assistant I

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All Kaweah River streamflow records (except those pertaining to discharges at Three Rivers, South Fork Kaweah River near Three Rivers, Cottonwood Creek near Elderwood, Sand Creek east of Orange Cove, Dry Creek near Lemoncove, Hawkeye Ditch, and Lemoncove Ditch which were furnished by the U. S. Geological Survey and U. S. Army Corps of Engineers) and the diversion, distribution, and storage of water in Terminus Reservoir were furnished in annual report form by the Kaweah and St. Johns Rivers Association.

Max Garver Watermaster (Civil Engineer)

James Crook Assistant Watermaster (Assistant Engineer)

State of California
The Resources Agency
Department of Water Resources

CALIFORNIA WATER COMMISSION

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The California Water Commission serves as a policy advisory body to the Director of Water Resources on all California water resources matters. The nine-member citizen commission provides a water resources forum for the people of the State, and acts as a liaison between the legislative and executive branches of State Government, and coordinates Federal, State, and local water resources efforts.

AGREEMENT FOR PUBLICATION OF
KAWEAH RIVER STREAMFLOW AND DIVERSION RECORD

The Kaweah Delta Water Conservation District and the Kaweah and St. Johns Rivers Association, hereafter referred to as the "Agencies", and the State of California, acting by and through the Department of Water Resources, hereafter referred to as the "State", agree as follows:

A. RECITALS

1. For the past five years, measurements of streamflow and diversions and distributions of water of the Kaweah River have been made and recorded by local organizations.

2. Compiling, editing, and printing these records and other pertinent streamflow data in the form of an official publication of the State are desirable and advantageous to the parties hereto.

B. AGENCIES and STATE agree that:

1. Agencies shall furnish, or cause to be furnished, to State, records of measurements of streamflow of Kaweah River and of diversion and distribution of water therefrom in Kaweah River Delta for the period October 1, 1975 to September 30, 1980, inclusive.

2. Agencies, upon their execution of this agreement, shall deposit with State the sum of \$18,000 for expenditure by State in performing work provided for in this agreement. Each of the Agencies shall contribute to the total amount deposited with State as follows: Kaweah Delta Water Conservation District, \$6,000, and Kaweah and St. Johns Rivers Association, \$12,000.

3. State, at the earliest practicable date, shall compile, edit, and print a bulletin containing such records together with necessary and appropriate maps and other pertinent data for said period.

4. State shall supply Agencies with 450 copies of the printed bulletin.

5. State shall not be obligated to expend for the work any funds in excess of the amount made available under this agreement, and if such funds are exhausted before completion of the work, State may discontinue the work and shall not be liable or responsible for its completion.

6. Upon completion of the work, State shall furnish to Agencies a statement of expenditures, and any unexpended or unobligated balance in the deposit made by Agencies shall be returned to them for distribution in proportion to their contribution.

DATED 11/10/80

KAWEAH DELTA WATER
CONSERVATION DISTRICT

KAWEAH AND ST. JOHNS
RIVERS ASSOCIATION

By /s/ Gordon Greening

By /s/ Gordon Greening

By /s/ Max Garver

By /s/ Max Garver

Approved as to Legal Form
and Sufficiency

STATE OF CALIFORNIA
Department of Water Resources

/s/ V. L. Cline
Assistant Chief Counsel
Department of Water Resources

/s/ L. A. Beck
Chief
San Joaquin District

INTRODUCTION

The Kaweah River drains a watershed on the western slope of the Sierra Nevada in Tulare County adjoining the watershed of the Kings River on the north and the Tule River on the south and extending on the east to a secondary ridge parallel to the main ridge of the Sierra Nevada called the Great Western Divide, which separates the Kaweah Basin from the upper Kern River basin. The headwaters rise in glacial lakes along the Divide near Triple Divide Peak at elevation 12,651 feet. The main stream is formed near the town of Three Rivers, about 10 miles above the head of its delta, by the confluence of the North, Middle, and South Forks. West of the foothills, the Kaweah River divides into several distributaries which cross the delta fan and enter Tulare Lake. The basin above the lower edge of the foothills is about 26 miles long with an average width of about 20 miles.

The drainage area on the Kaweah River watershed above the U. S. Geological Survey gaging station near Three Rivers is 418 square miles.

The existing major developments on the Kaweah River above Three Rivers consist of three Southern California Edison Company power plants--Kaweah Nos. 1, 2, and 3--having installed capacities of 2,500, 3,500, and 3,500 kilovolt amperes, respectively. The water supply for Kaweah No. 1 is diverted from the East Fork, diversion for Kaweah No. 2 is made from the Middle Fork immediately below the tailrace of Kaweah No. 3, and Kaweah No. 3 diverts near the junction of the Marble Fork and Middle Fork. These plants operate principally upon unregulated streamflow which does not materially alter the regimen of the stream below Three Rivers. The minor irrigation development along the Kaweah River above the head of its delta occurs mainly in the vicinity of Three Rivers and extends a few miles up each fork. Water required for the irrigation of citrus and deciduous orchards in this area, aggregating approximately 1,000 acres, is diverted through a series of ditches of small capacity.

Lands with irrigation service from the Kaweah River are situated within a gross area of approximately 600 square miles on the easterly slope of the San Joaquin Valley, extending some 20 miles north and south and 30 miles east and west. The northerly and westerly boundaries of the area coincide, in general, with the southerly boundary of Alta and Ivanhoe Irrigation Districts and the easterly boundary of Peoples Ditch Company of the Kings River service area. The area is bounded approximately on the east by Exeter and Lindmore Irrigation Districts, and on the south by the northerly boundary of Lower Tule River Irrigation District and the southern portion of Corcoran Irrigation District. The extent of the gross area may be roughly outlined by lines joining the towns of Lemoncove, Woodlake, Traver, and Hanford on the north; Hanford, Guernsey, and Waukena on the west; Waukena and Strathmore on the south; and Strathmore, Exeter, and Lemoncove on the east. The cities of Visalia and Tulare are situated near the center of the main Kaweah River delta area, which extends southwesterly from the delta's head near Lemoncove to the town of Waukena near the Tulare-Kings County line. Most of the areas served are organized as

mutual water companies, ditch companies, and irrigation districts. About 1.25 miles west of Lemoncove at McKay Point, the Kaweah River divides into the St. Johns and Kaweah Rivers, the former traversing the northern portion of the main delta and the latter traversing the central and southern portions.

Gross areas entitled to the use of surface diversions from the Kaweah River aggregate approximately 270,500 acres. The diversions by individual canals are governed by their relative rights and priorities which have been established through appropriation, historical use, court decisions, and stipulations. The larger and more dependable part of the streamflow is diverted mainly through canals which head east of Visalia.

The construction of storage facilities included in the Terminus Dam Project, as authorized by the Flood Control Act of 1944, Public Law 534 (78th Congress, Second Session), was completed in May 1962, and a number of parties participated in benefits of storage provided by the project under a contract dated January 11, 1965, by and between the U. S. Corps of Engineers and Kaweah Delta Water Conservation District.

This report presents records of all available measurements of streamflow of the Kaweah River, canal diversions, Central Valley Project deliveries, and storage of water in Terminus Reservoir for the period October 1, 1975 through September 30, 1980. These records were furnished by the Kaweah and St. Johns Rivers Association in annual report form for compilation in this Bulletin 49F.

Data in this bulletin are presented in three parts: Appendix A presents streamflow data; Appendix B presents canal diversion data for the Lower Kaweah River, St. Johns River, and Central Valley Project deliveries; and Appendix C presents storage operation data for the various entities and operation pool storage.

APPENDIX A
STREAMFLOW RECORDS



STREAMFLOW RECORDS

This appendix presents surface water data for the period October 1, 1975 through September 30, 1980. The data consist of mean daily discharge in cubic feet per second, monthly maximum and minimum flow in cubic feet per second, monthly acre-feet, and total acre-feet for the year for each station.

Records were collected by the U. S. Geological Survey, U. S. Corps of Engineers, U. S. Bureau of Reclamation, the Kaweah and St. Johns Rivers Association.

Data presented herein were furnished in annual report form by the Kaweah St. Johns Rivers Association, published as received, and are not necessarily rounded to the criteria of the Department of Water Resources. Station titles published herein may vary from those used in some of the annual reports from which the data were compiled.

Table A-1

KAWEAH RIVER AT THREE RIVERS

Location: Latitude 36°26'38", longitude 118°54'09", in the SW 1/4, SW 1/4, Section 13, T17S, R28E, M06&M, Tulare County, on right bank opposite schoolhouse in Three Rivers, 0.2 mile downstream from North Fork Kaweah River.

Drainage Area: 418 square miles.

Period of Record: October 1958 to current year.

Gage: Water-stage recorder. Datum of gage is 809.62 feet above mean sea level.

Average Discharge: 22 years, 527 cfs, 381,800 acre-feet per year.

Extremes for Period of Record: Maximum discharge, 73,000 cfs on December 5, 1966 (gage height, 16.69 feet in gage well, 19.0 feet from floodmarks), from rating curve extended above 13,000 cfs on basis of slope area measurements at gage heights 13.68 and 16.69 feet; minimum, 14 cfs September 29 and October 4 and 5, 1977.

Extremes Outside Period of Record: Flood of December 23, 1955 reached a stage of 17.9 feet from floodmarks.

Remarks: Record is good. Diversions are made for 200 acres above the station. Power is developed on the Middle and East Fork Kaweah River.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	44	206	136	83	73	502	254	687	269	72	116	20	1
2	43	188	184	74	73	269	250	731	264	68	110	19	2
3	42	176	212	80	72	239	254	664	242	65	87	19	3
4	41	162	194	93	76	212	265	652	227	62	77	19	4
5	40	148	172	97	88	202	250	651	216	59	69	20	5
6	40	136	154	91	110	195	239	517	204	55	62	48	6
7	139	129	143	85	106	187	236	487	197	53	58	63	7
8	137	127	134	87	107	198	280	445	187	49	53	50	8
9	98	121	132	87	143	195	269	629	174	47	48	47	9
10	88	119	130	87	196	208	307	617	172	46	44	47	10
11	494	129	127	86	148	202	265	621	191	44	41	2050	11
12	360	119	130	85	136	194	269	825	179	43	38	679	12
13	263	114	134	83	130	205	261	941	165	42	36	316	13
14	221	110	119	83	130	225	243	938	162	41	36	218	14
15	212	106	122	82	137	254	256	837	163	40	41	171	15
16	200	102	121	82	132	270	239	732	160	61	43	142	16
17	184	101	118	83	125	306	232	706	155	68	40	121	17
18	162	98	113	83	124	343	241	603	148	55	39	110	18
19	146	88	106	83	143	298	256	516	143	55	40	100	19
20	132	91	107	80	142	258	357	499	139	57	40	90	20
21	126	88	106	77	142	254	441	475	130	46	36	101	21
22	122	86	104	75	138	267	490	441	120	43	33	90	22
23	119	86	101	75	132	258	475	428	111	41	33	88	23
24	110	85	101	75	123	272	558	410	103	43	29	80	24
25	102	83	100	75	126	302	623	381	98	40	28	83	25
26	100	83	100	74	130	285	524	394	94	46	27	85	26
27	509	90	98	74	132	276	424	385	88	55	25	80	27
28	298	130	96	73	147	250	389	370	82	58	24	74	28
29	214	119	98	73	170	225	412	339	77	146	23	83	29
30	190	114	97	73	170	234	529	307	73	101	21	377	30
31	236		90	74		250		281		83	20		31
MEAN	509	206	212	97	196	502	623	941	269	146	116	2050	MEAN
MAX.	40	83	90	73	72	187	236	281	73	40	20	19	MAX.
MIN.	10338	7010	7702	4961	7202	15541	20010	34729	9388	3539	2811	10903	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 134154

Table A-1 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	235	50	48	51	55	99	102	287	680	92	22	21	1
2	296	52	46	53	52	85	99	277	650	84	23	20	2
3	295	52	46	180	52	84	94	248	560	81	22	20	3
4	209	51	46	94	52	82	117	209	523	78	21	20	4
5	168	53	45	77	52	83	152	219	486	74	21	19	5
6	146	50	44	65	53	87	207	197	427	69	21	17	6
7	126	49	42	62	53	90	265	185	366	64	20	17	7
8	115	48	42	59	53	91	324	189	416	57	20	16	8
9	108	48	42	57	55	100	330	206	727	53	21	16	9
10	100	47	41	59	54	99	254	211	638	50	20	16	10
11	94	47	42	55	53	93	238	211	469	47	20	17	11
12	91	50	41	58	53	103	234	234	352	44	19	17	12
13	86	51	40	56	54	101	256	218	303	42	19	18	13
14	81	57	41	55	56	88	238	202	269	39	18	19	14
15	77	74	40	56	60	85	290	243	244	37	20	19	15
16	76	64	40	58	60	96	386	311	230	34	20	20	16
17	73	66	39	59	62	87	462	245	215	44	24	22	17
18	71	65	38	62	62	86	456	219	198	38	71	22	18
19	68	67	38	71	62	85	341	237	182	34	62	22	19
20	66	63	38	72	62	84	281	284	176	33	48	22	20
21	63	60	38	74	69	95	273	387	167	32	49	21	21
22	75	58	39	72	223	117	272	571	156	30	42	21	22
23	99	56	38	68	130	132	247	507	149	32	38	20	23
24	82	55	37	65	128	130	286	451	147	29	35	19	24
25	77	53	36	65	104	125	263	388	139	29	32	18	25
26	73	53	38	60	97	116	305	367	129	29	31	18	26
27	69	51	38	59	95	118	308	351	120	27	28	15	27
28	64	48	37	58	103	124	300	428	113	25	28	17	28
29	61	48	37	57	57	112	316	527	105	23	24	14	29
30	60	49	42	56	56	104	274	590	98	22	22	18	30
31	57		52	55		93		643		22	23		31
MEAN													MEAN
MAX.	296	74	52	180	223	132	462	643	726	87	71	22	MAX.
MIN.	57	47	36	51	52	82	94	211	93	24	18	14	MIN.
AC. FT.	6667	3243	2521	4062	4094	6097	15808	19522	18712	2765	1753	1113	AC. FT.

Total Acre-Feet 86357

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	17	21	36	314	284	701	1400	1420	3630	1810	694	159	1
2	16	20	35	273	1390	1390	1300	1480	3530	1740	697	150	2
3	15	19	34	251	274	1720	1200	1740	3430	1600	661	147	3
4	14	19	33	257	281	5680	1300	2030	3530	1530	629	216	4
5	14	36	27	252	307	3700	1200	2170	3680	1580	603	3990	5
6	42	56	35	431	635	2160	1300	2040	3790	1660	539	2450	6
7	71	44	30	330	630	1670	1800	1840	4090	1720	518	1330	7
8	38	39	30	275	689	1440	1400	1930	4350	1620	502	704	8
9	35	39	30	453	6300	1250	1300	2200	4290	1660	472	497	9
10	31	36	29	599	4170	1130	1260	2250	3950	1700	429	418	10
11	31	34	28	401	1820	1170	1240	2240	3470	1540	407	391	11
12	28	33	27	318	1300	1070	1430	2660	3480	1360	382	345	12
13	27	32	28	287	1980	943	1540	3150	3360	1370	353	307	13
14	26	31	28	429	1270	881	1520	3470	3160	1490	388	318	14
15	23	30	47	1310	965	848	1720	3430	2960	1480	300	407	15
16	23	30	91	1190	812	856	1960	2790	2690	1400	287	324	16
17	21	29	622	2090	714	921	1480	2640	2540	1250	274	284	17
18	21	29	652	905	620	910	1390	2850	2680	1150	261	263	18
19	20	29	196	876	560	880	1400	2980	2710	1050	245	253	19
20	21	26	139	650	540	860	1430	3100	2590	973	230	243	20
21	22	26	123	515	560	1500	1310	3250	2600	944	222	229	21
22	22	39	140	443	560	1900	1190	3410	2520	960	216	215	22
23	22	45	368	390	580	1300	1200	3140	2350	966	208	201	23
24	21	39	339	350	580	1000	1370	2500	2190	937	198	190	24
25	20	39	184	335	570	960	1910	2210	2130	935	190	180	25
26	19	41	159	317	560	1000	1670	2110	2090	1320	187	174	26
27	20	41	2470	315	560	980	1430	2300	1960	1060	183	166	27
28	22	41	1520	305	566	930	1390	2740	1700	810	175	159	28
29	20	39	712	297	566	960	1400	3260	1760	743	168	156	29
30	22	37	553	297	566	1000	1500	3720	1850	719	163	150	30
31	20		391	287		1800		3810		723	162		31
MEAN													MEAN
MAX.	71	56	2470	2090	6300	5680	1960	3810	4350	1810	697	3990	MAX.
MIN.	14	19	27	251	274	701	1190	1420	1700	719	162	147	MIN.
AC. FT.	1515	2021	18121	31224	57448	86302	85171	160386	176651	78943	21586	29784	AC. FT.

Total Acre-Feet 749152

Table A-1 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	143	102	147	123	229	546	650	1620	1620	423	121	60	1
2	141	108	170	132	227	437	615	1410	1520	402	118	59	2
3	137	105	143	131	205	397	583	1500	1540	377	114	58	3
4	133	106	138	128	201	408	607	1810	1580	357	108	58	4
5	130	103	141	130	196	421	690	1990	1530	341	105	58	5
6	126	97	140	141	198	501	771	1730	1760	322	104	57	6
7	123	97	107	135	204	614	762	1600	1700	304	99	55	7
8	121	91	108	135	210	719	710	1340	1390	283	97	53	8
9	120	91	122	170	215	796	812	1170	1230	261	91	52	9
10	118	90	124	159	221	864	706	1050	1200	250	92	53	10
11	115	96	124	404	224	871	646	1030	1210	251	89	52	11
12	113	107	124	1200	230	781	612	1240	1200	250	108	50	12
13	110	106	120	517	249	745	693	1570	1230	247	105	48	13
14	107	109	117	390	1230	682	889	1870	991	241	99	46	14
15	104	103	114	337	618	725	1060	2010	882	232	97	43	15
16	105	104	110	296	459	782	1160	2120	816	219	91	40	16
17	107	108	118	266	372	649	1150	2210	759	200	88	39	17
18	106	108	187	266	338	614	899	2380	615	189	96	41	18
19	103	103	180	238	368	591	761	2620	560	180	94	41	19
20	102	100	151	227	350	566	757	2740	608	193	88	42	20
21	105	104	158	220	821	556	818	2900	638	219	84	43	21
22	106	124	161	212	600	520	937	2840	641	252	81	43	22
23	103	119	155	202	588	483	1000	2630	640	203	80	42	23
24	97	115	153	199	479	488	966	2420	634	184	79	42	24
25	95	113	155	203	472	526	990	2190	628	173	76	121	25
26	93	112	157	186	447	551	1100	2300	565	163	72	88	26
27	93	113	157	177	387	923	1540	2510	535	154	67	68	27
28	85	119	154	185	366	1130	1550	2380	519	149	65	57	28
29	91	120	139	156	496	848	1600	2180	493	141	63	57	29
30	91	121	138	165	737	737	1680	2030	460	134	62	63	30
31	100		130	200	675	675		1890		128	61	63	31
MEAN	143	124	187	1200	1230	1130	1680	2900	1760	423	121	121	MEAN
MAX.	85	90	107	123	196	397	583	1030	460	128	61	39	MAX.
AC. FT.	6790	6335	8612	15134	21231	39999	54971	121549	58898	14722	5542	3231	AC. FT.

Total Acre-Feet 357014

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	65	98	110	375	535	1380	908	1860	1350	2320	731	158	1
2	53	97	104	226	534	1340	861	1760	1360	2450	715	152	2
3	52	93	91	186	530	1750	828	1970	1670	1970	670	150	3
4	50	141	94	165	543	1480	858	2130	1790	1810	601	147	4
5	49	141	92	153	570	1790	1130	2270	1750	1660	560	142	5
6	46	126	94	146	586	1980	1050	2220	1860	1500	498	144	6
7	45	119	94	146	578	1650	951	2270	1980	1520	439	147	7
8	46	114	91	144	545	1470	923	2020	2290	1510	418	148	8
9	48	112	91	167	519	1380	972	2010	2580	1430	411	144	9
10	46	107	91	1070	500	1360	1060	1980	2780	1320	388	147	10
11	42	104	92	2020	487	1310	1170	1610	2730	1340	385	138	11
12	43	107	85	11300	470	1220	1240	1440	2480	1330	371	132	12
13	42	98	82	14700	462	1170	1350	1390	2340	1290	347	126	13
14	44	95	81	11300	528	1170	1420	1430	2230	1200	320	122	14
15	44	90	79	4270	833	1150	1490	1310	2360	1200	289	119	15
16	44	86	77	2560	870	1100	1600	1310	2560	1190	269	115	16
17	45	106	75	1910	2830	1080	1770	1520	2740	1340	264	110	17
18	45	146	73	1620	8860	1160	1930	1890	2760	1350	266	109	18
19	46	115	72	1280	5460	1070	2050	2230	2840	1220	258	110	19
20	472	98	73	1030	4960	1040	2120	2600	2840	1070	244	114	20
21	246	94	84	917	4890	1060	2040	2760	2690	1070	232	111	21
22	178	95	89	832	3360	990	1650	2800	2620	1120	223	108	22
23	149	100	81	761	2530	947	1440	2410	2430	1120	217	103	23
24	149	107	104	723	2140	948	1340	1940	2310	1120	203	99	24
25	155	105	224	705	1860	914	1410	1680	2320	1070	192	93	25
26	269	118	137	684	1720	887	1620	1500	2320	1040	184	90	26
27	199	164	117	659	1630	870	1810	1370	2280	986	180	89	27
28	154	130	111	632	1550	856	1830	1300	2330	959	176	84	28
29	132	119	108	610	1440	877	1830	1270	2350	874	167	81	29
30	116	115	111	579	933	933	1840	1390	2270	778	158	83	30
31	107		453	560	929	929		1360		702	155		31
MEAN	472	164	453	14700	8860	1980	2120	2800	2840	2450	731	158	MEAN
MAX.	42	86	72	144	462	856	828	1270	1350	702	155	81	MAX.
AC. FT.	6389	6625	6665	123830	103777	73907	84281	113060	137278	81044	20888	7170	AC. FT.

Total Acre-Feet 764914

Table A-2

SOUTH FORK KAWEAH RIVER AT THREE RIVERS

Location: Latitude 36°25'00", longitude 118°54'48", in the SE 1/4, Section 26, T17S, R28E, MOB&M, Tulare County, on right bank 200 feet upstream from unnamed tributary, 0.5 mile upstream from mouth, and 1.8 miles southwest of Three Rivers.

Drainage Area: 86.7 square miles.

Period of Record: October 1958 to current year.

Gage: Water-stage recorder. Datum of gage is 807.22 feet above mean sea level.

Average Discharge: 22 years, 69.0 cfs, 49,990 acre-feet per year.

Extremes for Period of Record: Maximum discharge, 11,600 cfs on December 6, 1966 (gage height, 9.30 feet in gage well, 10.4 feet from floodmarks), from rating curve extended above 2,600 cfs on basis of slope area measurement of maximum flow; minimum, no flow at times in 1960-62.

Extremes Outside Period of Record: Flood of December 23, 1955 reached a stage of 9.5 feet from floodmarks (discharge, 10,000 cfs).

Remarks: Record is good. Several small diversions above station for irrigation.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		SOUTH FORK KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.5	20	17	11	8.6	58	26	124	28	1.2	1.3	.2	1
2	1.5	19	21	10	8.3	38	26	132	26	1.2	1.6	.2	2
3	1.5	18	26	10	8.2	34	27	123	24	1.2	1.3	.2	3
4	1.5	18	25	11	9.0	27	29	120	21	1.3	1.2	.2	4
5	1.2	16	22	11	11	26	27	123	19	1.1	1.1	.2	5
6	1.2	15	20	11	15	26	25	87	19	.8	1.1	.2	6
7	3.8	14	17	10	14	25	26	91	18	1.0	1.2	.1	7
8	6.5	14	17	10	13	27	36	83	17	.9	1.2	.1	8
9	4.7	14	16	10	18	24	32	108	16	.9	1.1	.1	9
10	4.7	13	16	11	29	23	33	108	17	1.0	.8	.2	10
11	28	14	16	10	21	23	30	114	18	.8	.6	64	11
12	26	13	16	10	18	23	29	148	17	.8	.5	45	12
13	20	12	17	10	16	22	30	159	16	.8	.4	19	13
14	15	12	16	10	15	22	29	150	14	.6	.4	13	14
15	14	12	15	10	18	24	30	130	12	.6	.7	9.2	15
16	13	11	14	9.6	16	24	30	110	10	.4	.8	7.6	16
17	13	11	14	9.8	15	26	29	99	8.8	.5	.8	6.9	17
18	12	11	13	9.8	14	29	28	82	8.0	.6	.8	6.2	18
19	12	9.9	13	9.6	16	28	29	72	7.5	.5	.9	5.4	19
20	10	10	13	9.3	16	25	41	67	6.8	.4	.9	4.9	20
21	9.2	10	13	9.0	16	24	58	62	7.0	.4	.8	5.3	21
22	9.6	9.8	12	8.7	15	24	69	56	6.6	.3	.6	6.0	22
23	10	9.6	12	8.6	14	24	77	52	6.5	.4	.5	4.4	23
24	9.6	9.2	12	8.8	14	24	92	49	5.8	.3	.4	3.7	24
25	9.2	8.4	12	8.9	14	26	107	46	5.8	.3	.3	3.8	25
26	8.7	8.2	12	8.7	13	26	89	42	4.4	.4	.3	5.2	26
27	22	9.0	12	8.7	13	26	67	39	3.0	.4	.2	3.6	27
28	22	22	12	8.6	14	24	65	36	1.7	.9	.2	3.5	28
29	16	15	12	8.7	16	23	71	34	1.1	1.3	.2	3.9	29
30	16	15	12	8.7	23	23	96	30	1.2	1.1	.2	19	30
31	24		12	8.8	25	25		29		1.6	.2		31
MEAN													MEAN
MAX.	28	22	26	11	29	58	107	159	28	2.6	1.6	64	MAX.
MIN.	1.2	8.2	12	8.6	8.2	22	25	29	1.1	.3	.2	.1	MIN.
AC. FT.	689	780	946	594	849	1632	2743	5365	726	48	45	478	AC. FT.

Total Acre-Feet 14895

Table A-2 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		SOUTH FORK KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	18	4.7	5.0	5.7	5.6	9.2	7.8	33	46	2.8	.2	.1	1
2	24	4.6	5.2	6.4	5.7	8.5	7.6	34	42	2.5	.2	.1	2
3	18	4.3	5.2	20.0	5.4	6.7	7.1	31	36	2.3	.2	.1	3
4	14	4.2	5.1	12.0	5.8	6.5	6.5	27	32	2.0	.2	.1	4
5	10	3.9	5.0	9.4	6.3	6.3	8.2	27	29	1.9	.2	.1	5
6	8.6	3.4	5.0	8.5	6.3	6.2	14	26	27	1.7	.2	.1	6
7	7.8	3.2	5.1	8.0	6.1	6.0	23	26	26	1.4	.1	.1	7
8	7.2	3.1	5.1	7.8	5.7	5.9	35	26	30	1.2	.1	.1	8
9	7.0	3.2	5.2	7.5	5.9	6.2	39	28	37	.9	.1	.1	9
10	6.4	3.2	5.2	7.0	5.8	8.2	31	27	53	.9	.1	.1	10
11	6.2	3.5	5.3	7.1	5.7	6.5	30	27	37	1.1	.1	.1	11
12	6.0	3.8	5.2	7.0	5.8	5.6	36	35	29	1.0	.1	.1	12
13	5.6	4.1	5.0	6.2	6.3	6.2	38	30	23	.2	.1	.1	13
14	5.4	4.7	5.2	6.1	6.8	6.7	33	33	27	.5	.1	.1	14
15	5.3	5.4	5.2	6.1	6.2	6.8	42	32	17	.3	.1	.1	15
16	4.8	5.0	5.0	6.1	6.2	7.9	58	43	16	.2	.1	.1	16
17	4.2	5.0	5.0	6.4	6.2	8.2	65	34	14	.2	.2	.1	17
18	4.0	5.0	5.0	6.5	6.8	7.5	62	28	13	.2	.2	.1	18
19	3.7	5.4	5.0	6.7	6.7	7.5	47	27	12	.2	.1	.1	19
20	3.5	5.8	5.0	7.1	6.6	7.2	39	35	11	.2	.1	.1	20
21	3.5	5.8	5.0	7.1	7.1	5.9	38	58	11	.2	.2	.1	21
22	4.4	5.8	4.8	7.4	12	6.0	37	81	10	.2	.2	.1	22
23	5.5	5.8	4.3	7.3	12	7.5	33	67	9.1	.2	.2	.1	23
24	5.4	6.1	4.5	6.9	14	8.7	38	63	7.6	.2	.2	.1	24
25	5.3	6.1	4.4	6.7	11	10	37	51	6.6	.2	.2	.1	25
26	5.2	5.8	4.5	6.1	9.7	9.6	40	51	5.5	.2	.2	.1	26
27	4.8	6.1	4.9	6.1	9.1	8.1	37	54	4.7	.2	.1	.1	27
28	4.5	5.4	5.0	5.8	9.1	8.4	35	57	3.9	.2	.1	.1	28
29	4.4	5.0	4.7	5.8		8.4	34	56	3.5	.2	.1	.1	29
30	4.4	5.1	5.0	5.7		8.4	31	53	3.3	.2	.1	.1	30
31	4.4		5.7	5.6		8.1		50		.2	.1	.1	31
MEAN													MEAN
MAX.	24	6.1	5.3	20	14	10	65	81	53	2.8	.2	.1	MAX.
MIN.	3.5	3.1	4.3	5.6	5.4	5.6	6.5	24	3.3	.2	.1	.1	MIN.
AC. FT.	439	283	307	452	408	455	1962	2464	1220	48	9	4	AC. FT.

Total Acre-Feet 8051

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		SOUTH FORK KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	.1	.9	3.4	29	28	100	204	174	541	261	31	6.7	1
2	.1	.8	2.9	25	27	214	192	175	528	222	29	6.5	2
3	.1	.7	2.9	23	26	202	165	190	529	201	27	6.2	3
4	.1	.7	2.9	24	25	1500	191	230	554	188	26	10	4
5	.1	2.1	3.0	22	31	888	169	263	580	188	27	154	5
6	.1	4.2	3.0	34	82	409	185	247	617	190	25	185	6
7	.1	3.3	3.0	29	90	285	239	229	660	189	23	90	7
8	.1	2.8	3.0	25	117	223	192	225	665	170	23	52	8
9	.1	2.7	2.8	39	1280	201	183	265	664	163	21	38	9
10	.1	2.5	3.0	65	1100	170	184	282	610	163	20	32	10
11	.1	2.4	3.0	48	309	179	182	298	553	149	19	31	11
12	.1	2.4	2.9	35	222	175	184	361	569	126	18	26	12
13	.1	2.0	2.7	31	280	153	183	415	540	119	17	24	13
14	.1	2.1	2.7	60	173	136	187	448	490	120	16	23	14
15	.1	1.9	3.5	205	134	124	281	437	450	114	15	23	15
16	.1	1.9	7.2	156	109	118	331	346	414	109	13	23	16
17	.1	1.9	51	248	94	118	237	336	393	94	13	21	17
18	.1	1.9	78	106	83	120	213	374	419	84	12	20	18
19	.1	1.8	22	135	79	115	201	399	417	75	11	19	19
20	.1	1.9	16	86	77	116	192	406	406	68	11	19	20
21	.1	2.0	13	62	77	215	181	413	407	64	10	18	21
22	.1	3.3	13	52	78	285	166	436	387	60	9.9	17	22
23	.1	3.5	18	45	77	181	159	417	354	57	10	15	23
24	.1	3.4	27	39	73	150	169	314	329	52	9.8	15	24
25	.1	3.3	17	36	69	138	231	276	317	55	10	13	25
26	.2	3.2	.15	34	64	141	206	273	310	55	10	12	26
27	.3	3.2	167	32	62	136	178	325	286	50	9.9	12	27
28	.4	3.3	143	31	62	131	169	400	271	46	9.0	12	28
29	.6	3.5	67	30		134	164	485	281	40	7.6	11	29
30	.7	3.5	50	30		149	173	549	281	36	7.1	11	30
31	.9		36	29		320		571		33	6.9		31
MEAN													MEAN
MAX.	.9	4.2	167	248	1280	1500	331	571	665	261	31	185	MAX.
MIN.	.1	.7	2.7	22	25	100	159	174	271	33	6.9	6.2	MIN.
AC. FT.	11	145	1557	3660	9775	14928	11685	20944	27416	7024	986	1875	AC. FT.

Total Acre-Feet 100006

Table A-2 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		SOUTH FORK KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	11	10	18	15	31	86	94	202	243	28	3.8	2	1
2	11	11	24	15	30	65	86	163	223	26	3.7	1.8	2
3	10	10	17	15	27	62	77	184	226	25	3.4	1.8	3
4	10	11	16	15	26	64	74	242	230	24	3.6	1.7	4
5	9.9	11	17	15	25	65	80	269	219	24	3.5	1.6	5
6	9.5	11	16	16	26	70	89	236	240	23	3.5	1.6	6
7	9.1	9.7	13	15	27	82	87	206	231	21	2.7	1.5	7
8	9.3	9.3	13	15	28	92	80	159	181	19	2.7	1.5	8
9	9.1	9.2	14	20	29	96	85	135	153	18	2.6	1.5	9
10	8.5	9.5	15	18	29	95	78	118	141	16	2.2	1.5	10
11	8.4	10	14	24	30	89	71	112	133	16	2.3	1.4	11
12	8.4	13	14	83	30	83	67	138	121	15	3.1	1.3	12
13	8	12	14	57	34	77	71	201	113	13	3.8	1.2	13
14	7.7	12	14	51	140	70	86	261	98	12	3.2	1.2	14
15	7.8	12	14	44	77	81	102	298	86	11	3.1	.8	15
16	8.2	12	14	38	55	111	113	323	78	10	2.6	.6	16
17	8.8	12	15	34	45	88	115	345	75	9.2	2.5	.6	17
18	8.9	12	26	35	41	78	97	376	69	8.2	2.7	.7	18
19	8.5	12	26	31	47	76	85	436	63	7.6	2.4	.7	19
20	8.4	12	20	30	80	75	83	475	59	7.5	2.6	.7	20
21	8.9	12	20	28	115	72	86	491	55	8.5	2.8	.8	31
22	9.3	14	19	27	78	68	98	473	52	9.2	2.8	.7	22
23	9.1	13	18	26	73	63	104	446	48	8.8	2.9	.8	23
24	8.5	13	17	25	62	62	97	420	44	8	2.7	.9	24
25	8	12	17	27	61	65	101	376	41	7.5	2.6	2	25
26	7.6	13	17	25	60	66	121	400	39	6.8	2.3	4.2	26
27	7.6	13	17	24	53	124	163	454	36	6.2	2.1	2.6	27
28	7.8	14	17	26	51	199	179	414	33	6	1.9	2	28
29	7.9	14	16	24	144	186	186	373	32	6	1.9	1.8	29
30	8.5	14	15	22	123	123	202	338	30	5.1	1.9	2.7	30
31	8.7	15	15	26	104	104		305		4.3	2.1		31
MEAN	11	14	26	83	140	199	202	491	243	28	3.8	4.2	MEAN
MAX.	7.6	9.2	13	15	25	62	67	112	30	4.3	1.9	.6	MAX.
AC. FT.	540	700	1035	1718	2797	5346	6064	18583	6728	813	171	88	AC. FT.

Total Acre-Feet 44583

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		SOUTH FORK KAWEAH RIVER AT THREE RIVERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4	6.3	11	29	69	160	93	257	182	295	37	8.9	1
2	3.9	6	11	21	67	163	90	218	220	284	35	8.8	2
3	3.5	6.6	10	17	65	245	86	242	280	275	33	8.7	3
4	3.4	15	10	15	65	192	86	263	290	242	30	8.6	4
5	3.1	10	9.8	14	65	279	128	292	284	215	28	8.3	5
6	3.1	9.8	10	14	66	398	129	318	301	189	26	8.1	6
7	2.6	9	10	14	65	298	106	320	328	176	24	7.9	7
8	3.2	8.8	10	14	62	246	100	280	368	170	23	7.4	8
9	3.6	8.5	10	19	59	218	104	276	417	159	21	7.1	9
10	3.2	8.5	11	96	57	207	112	254	448	143	20	8.1	10
11	3	8.1	11	126	55	203	122	202	438	142	19	8.9	11
12	3	8	10	1130	53	182	135	176	393	137	17	7.5	12
13	3.1	8.4	9.7	2070	53	169	145	169	369	134	17	7	13
14	3.3	8.5	10	1640	64	162	154	161	364	127	17	7	14
15	3.5	8.2	9.5	526	98	155	159	154	381	121	17	7.3	15
16	3.3	8	9.2	337	222	146	169	159	406	108	17	7	16
17	3.3	14	9	262	437	139	193	220	431	117	15	6.2	17
18	3.6	16	8.8	348	1000	146	220	297	436	116	14	6.3	18
19	3.8	12	8.7	213	967	133	233	355	450	103	14	6.7	19
20	13	10	8.9	173	982	125	243	388	438	88	13	6.9	20
21	14	9.5	9.9	152	763	123	245	418	427	82	13	6.9	21
22	7.8	9.6	12	136	439	117	193	408	405	79	12	6.9	22
23	6.8	9.9	10	121	341	110	166	338	372	74	12	6.5	23
24	6.4	10	11	112	279	107	150	251	360	68	12	5.8	24
25	7.1	10	26	105	239	105	162	208	353	64	12	5.2	25
26	9.2	11	15	99	216	102	198	186	346	64	11	5	26
27	12	15	14	92	199	98	231	170	335	58	11	5	27
28	8.8	13	12	87	185	95	243	159	341	58	10	5.1	28
29	7.3	12	12	84	170	93	245	157	336	49	10	5.3	29
30	6.7	11	12	77	177	95	252	190	315	43	9.9	4.9	30
31	6.4		21	72		95		177		41	9.3		31
MEAN	14	16	26	2070	1000	398	252	418	450	295	37	8.9	MEAN
MAX.	2.6	6	8.7	14	53	93	86	154	182	41	9.3	4.9	MAX.
AC. FT.	335	596	699	16294	14682	10128	9703	15200	21450	7976	1109	415	AC. FT.

Total Acre-Feet 98587

Table A-3

DRY CREEK NEAR LEMONCOVE

Location: Latitude 36°26'51", longitude 119°01'38", in the NE 1/4, SE 1/4, Section 15, T17S, R27E, MDB&M, Tulare County, on right bank 0.5 mile downstream from Bequette Canyon, 2.9 miles upstream from mouth, and 4.4 miles north of Lemoncove.

Drainage Area: 75.6 square miles.

Period of Record: October 1959 to current year.

Gage: Water-stage recorder. Altitude of gage is 570 feet (from topographic map). Prior to March 8, 1969, 1.6 miles downstream at different datum.

Average Discharge: 21 years, 21.6 cfs, 15,650 acre-feet per year.

Extremes for Period of Record: Maximum discharge, 14,500 cfs on December 6, 1966 (gage height, 7.30 feet in gage well, 8.94 feet from floodmarks, site and datum then in use); minimum, no flow for several months in each year.

Extremes Outside Period of Record: Flood of December 23, 1955 reached a discharge of 6,070 cfs from slope area measurement. Flood of 1867 is believed to have exceeded that of December 1955 based on information from local residents.

Remarks: Records good. Small diversions above station for irrigation.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		DRY CREEK NEAR LEMONCOVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	1.6	1.7	1.2	4.4	2.0	2.2	.3				1
2		0	1.4	1.7	1.2	27	2.0	2.0	.2				2
3		0	1.4	1.7	1.2	25	2.2	2.0	.2				3
4		0	1.6	1.7	1.6	29	2.8	2.0	.2				4
5		0	1.6	1.7	2.1	15	4.3	1.8	.2				5
6		0	1.4	1.7	1.5	14	4.0	1.8	.2				6
7		0	1.4	1.7	14	13	3.4	1.8	.3				7
8		0	1.1	1.7	6.4	12	3.4	1.8	.3				8
9		0	1.1	1.7	9.8	11	7.3	1.8	.3				9
10		0	1.1	1.8	39	9.2	5.6	1.8	.4				10
11		0	1.2	1.7	19	8.6	5.0	1.8	.4				11
12	N	0	1.6	1.7	10	7.8	4.6	1.6	.4	N	N	K	12
13	O	0	2.1	1.7	7.3	6.8	6.0	1.6	.3			O	13
14		0	2.4	1.7	6.0	6.3	6.8	1.3	.3				14
15		0	2.5	1.7	5.3	6.0	6.0	1.3	.2				15
16	F	0	2.1	1.7	5.0	5.6	11.0	1.2	.2	F	F	F	16
17	L	0	1.8	1.7	4.6	4.9	8.8	1.1	.2	L	L	L	17
18	O	0	1.7	1.7	4.3	4.6	6.0	1.0	.2	O	O	O	18
19	W	0	1.6	1.5	4.6	4.6	5.0	.9	.1	W	W	W	19
20		0	1.5	1.5	9.8	4.3	4.6	.9	.1				20
21		0	1.5	1.5	6.8	3.4	4.3	.9	.1				21
22		0	1.7	1.5	5.3	2.0	4.0	.8	.1				22
23		0	1.8	1.4	4.3	1.8	3.0	.8	.1				23
24		0	1.7	1.4	4.0	1.8	2.2	.7	.1				24
25		0	1.8	1.4	3.7	1.8	2.4	.6	.0				25
26		0	1.8	1.4	3.4	1.8	2.4	.6	0				26
27		0	1.7	1.4	3.4	2.0	2.4	.4	0				27
28		3.8	1.7	1.4	3.4	2.0	2.4	.4	0				28
29		4.8	1.7	1.4	4.3	2.0	2.2	.4	0				29
30		2.8	1.7	1.4		2.0	2.2	.3	0				30
31			1.7	1.4		2.0		.3	0				31
MEAN		4.8	2.5	1.7	39	4.4	11	2.2	.4				MEAN
MAX.		0	1.1	1.4	1.2	1.8	2.0	.3	0				MAX.
MIN.		23	1.01	98	409	538	254	75	11				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1509

Table A-3 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		DRY CREEK NEAR LEMONCOVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	.5	1.0	.9	.1	0				1
2				0	.6	1.0	.9	0	0				2
3				3.4	.6	1.0	.9	0	0				3
4				5.4	.6	1.0	.8	0	0				4
5				1.9	.5	1.0	.7	0	0				5
6													6
7				.8	.5	1.0	.6	0	0				7
8				.5	.5	1.0	.5	0	0				8
9				.1	.5	1.0	.4	0	0				9
10				.3	.6	1.0	.4	0	0				10
11				.3	.6	1.2	.4	0	0				11
12	H	H	H	.3	.6	1.2	.4	2.1	0	N	N	F	12
13	O	O	O	.3	.6	1.4	.3	2.1	0	O	O	O	13
14				.3	.6	1.4	.3	1.6	0				14
15				.3	.7	1.4	.2	1.2	0				15
16				.3	.6	1.6	.2	.9	0	F	F	F	16
17	F	F	F	.3	.6	1.8	.1	.7	0	L	L	L	17
18	O	O	O	.3	.6	1.8	.1	.5	0	W	W	W	18
19	W	W	W	.4	.6	1.5	.1	.5	0				19
20				.4	.6	1.2	.1	.3	0				20
21				.4	.7	1.0	.1	.2	0				21
22				.4	.8	.9	.1	.1	0				22
23				.4	1.5	.8	.1	.1	0				23
24				.5	1.9	.8	.1	.1	0				24
25				.5	1.9	1.1	.1	.1	0				25
26				.5	1.7	1.1	.1	.1	0				26
27				.5	1.2	1.2	0	.1	0				27
28				.5	1.1	1.1	0	.1	0				28
29				.5	1.0	1.0	0	0	0				29
30				.5	.9	0	0	0	0				30
31				.5	1.0	0	0	0	0				31
MEAN				5.4	1.9	1.8	.9	2.1	0				MEAN
MAX.				0	.5	.8	0	0	0				MAX.
MIN.				43	44	70	18	22	0				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 197

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		DRY CREEK NEAR LEMONCOVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	9.7	17	17	136	106	31	10	2.5		1
2			0	6.9	16	132	115	97	30	9.6	2.1		2
3			0	5.6	15	165	110	91	29	9.6	1.8		3
4			0	5.3	14	1110	138	88	28	9.2	1.5		4
5			0	6.8	14	673	177	86	27	8.8	1.5		5
6			0	38	32	422	134	82	24	8.3	1.5		6
7			0	26	50	304	310	76	22	8.0	1.2		7
8			0	16	62	234	209	72	21	7.6	.8		8
9			0	31	1800	195	170	70	19	7.4	0		9
10			0	133	1300	162	153	68	18	7.0	0		10
11			0	68	468	206	134	65	18	6.7	0		11
12	N	N	0	35	321	179	132	64	17	6.2	0	N	12
13	O	O	0	25	744	157	130	62	16	6.0	0	O	13
14			0	33	334	120	123	60	16	5.8	0		14
15			0	260	199	101	117	57	15	5.5	0		15
16			0	235	136	87	378	56	15	5.2	0	F	16
17	F	F	0	490	100	77	191	55	14	5.0	0	L	17
18	L	L	15	146	76	69	161	52	13	4.7	0	O	18
19	W	W	3.8	169	64	61	145	49	13	4.7	0	W	19
20			1	93	54	57	132	47	13	4.4	0		20
21			.4	63	46	142	120	45	12	4.4	0		21
22			.2	52	39	155	112	44	12	4.3	0		22
23			17	45	34	89	103	44	12	4.1	0		23
24			41	39	27	72	98	43	11	3.9	0		24
25			8.6	33	21	64	139	42	11	3.9	0		25
26			4.5	30	18	65	181	41	11	4.0	0		26
27			51	26	16	61	147	38	11	3.9	0		27
28			83	24	15	67	120	37	10	3.6	0		28
29			35	22	15	53	110	35	10	3.1	0		29
30			25	20	19	87	104	33	10	2.9	0		30
31			17	19	19	335	32	32	10	2.7	0		31
MEAN			83	490	1800	1110	378	106	31	10	2.5		MEAN
MAX.			0	5.3	14	17	98	32	10	2.7	0		MAX.
MIN.			600	4374	11964	11342	8983	3644	1010	358	26		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 42301

Table A-3 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		DRY CREEK NEAR LEMONCOVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.1	2.1	6.5	4.8	45	103	81	24	7.5	1.0			1
2	1.1	2.5	13	4.5	56	93	72	24	7.1	.9			2
3	1.1	3.3	7.1	4.4	38	70	62	23	6.4	.9			3
4	1	3.1	4.7	4.4	25	60	57	21	5.9	.9			4
5	1	3	4.4	4.5	21	55	53	20	5.6	1.0			5
6	1.0	2.7	4.7	4.8	21	52	50	19	5.3	1.0			6
7	1.0	2.6	4.6	4.9	22	52	48	20	4.9	1.0			7
8	1	2.4	4.1	4.9	22	50	45	22	4.6	.9			8
9	1.1	2.4	3.8	16	21	42	43	23	4.2	.8			9
10	1.1	2.4	3.8	15	21	38	42	20	3.9	.8			10
11	1	3.2	3.8	11	19	36	40	19	3.6	.7			11
12	1.1	3.9	3.8	38	17	35	37	18	3.1	.7			12
13	1.1	4.5	3.8	27	18	33	36	17	2.8	.6	N	N	13
14	1	4.4	3.8	17	81	32	35	16	2.6	.5	O	O	14
15	.9	4.2	3.8	39	54	35	34	15	2.6	.4			15
16	.9	3.9	3.8	30	30	76	33	15	2.5	.3	F	F	16
17	1.1	3.8	4.4	17	21	50	32	15	2.7	.2	L	L	17
18	1.2	3.8	14	22	16	61	32	14	3	.2	O	O	18
19	1.3	4.1	44	21	21	59	31	13	3	0	W	W	19
20	1.4	3.8	25	14	26	57	30	13	2.7	0			20
21	1.6	4.8	9.7	11	233	53	29	13	2.4	0			21
22	1.6	6	7.6	9.8	170	49	28	13	2.2	0			22
23	1.7	6.3	7.1	8.6	129	44	28	12	2	0			23
24	1.8	5.8	6.6	7.9	101	41	27	12	1.8	0			24
25	1.6	5.3	6.2	9.6	76	39	27	12	1.6	0			25
26	1.4	5	6.1	9.7	65	38	26	11	1.4	0			26
27	1.3	4.6	5.9	7.5	61	136	28	9.9	1.3	0			27
28	1.4	4.4	5.9	7.6	52	322	27	9.5	1.2	0			28
29	1.5	4.4	5.8	7.4	178	26	26	9.3	1.1	0			29
30	1.6	4.4	5.5	6.7	113	25	25	9	1	0			30
31	1.8		5.2	16	96			8.4		0			31
MEAN	1.8	6.3	44	39	233	322	81	24	7.5	1.0			MEAN
MAX.	.9	2.1	3.8	4.4	16	32	25	8.4	1.0	0			MAX.
AC. FT.	77	232	473	805	2940	4360	2309	972	198	25			AC. FT.

Total Acre-Feet 12391

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		DRY CREEK NEAR LEMONCOVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	4.2	38	46	113	64	40	26	8.1	2.2	.2	1
2		0	4.1	19	45	107	63	38	25	8	2	.2	2
3		0	3.7	13	41	279	62	36	24	8	1.7	.2	3
4		0	3.4	10	41	203	58	35	23	8.5	1.5	.1	4
5		0	3.4	8.6	40	275	110	34	23	8.1	1.4	.1	5
6		.4	3.7	7.8	39	306	95	33	23	7.7	1.6	0	6
7		.4	3.8	7.3	38	255	68	33	22	7.5	1.5	0	7
8		.5	3.8	6.7	38	202	64	31	21	7.2	1.1	0	8
9		.6	3.8	9.1	35	178	60	31	20	7	.9	0	9
10		.6	4.0	156	34	160	57	68	19	7	.7	0	10
11		.6	4.9	226	32	147	57	47	18	7.1	.6	.2	11
12	N	.6	5.5	671	32	135	54	39	18	6.1	.4	.2	12
13	O	.6	5.5	993	32	126	52	37	18	5.6	.2	.2	13
14		.6	5.8	1030	34	120	50	55	18	5.3	.2	.2	14
15		.6	6	337	71	113	49	42	17	4.9	.2	.2	15
16	F	.6	6	184	173	105	49	37	17	4.2	.4	.4	16
17	L	1.7	6	138	626	99	46	34	16	3.5	.6	.4	17
18	O	8	6.2	205	638	101	43	31	15	3.3	.6	.3	18
19	W	7.3	6.5	143	638	95	41	29	14	3.1	.7	.3	19
20		4.2	6.5	116	1290	89	40	27	13	3	.8	.4	20
21		3	8.3	102	829	88	45	26	13	2.5	.8	.4	21
22		2.8	14	90	519	87	46	26	13	2.4	.8	.5	22
23		2.7	17	80	313	81	52	27	13	2.4	.7	.6	23
24		2.5	16	73	236	80	46	28	12	2.3	.6	.4	24
25		2.6	28	67	193	79	44	30	9.2	2.2	.5	.2	25
26		3.2	20	60	164	77	41	29	9.2	2.1	.4	.2	26
27		4.4	11	57	144	75	40	28	9	2.1	.3	0	27
28		7	8.3	55	135	72	39	28	8.6	2	.2	0	28
29		5.3	7.2	53	121	68	43	28	8.1	1.9	.1	0	29
30		4.6	6.7	50	67	67	42	26	7.9	1.7	.1	0	30
31			19	48	66	66		26		2.3	.2	0	31
MEAN		8	28	1030	1290	306	110	68	26	8.5	2.2	.6	MEAN
MAX.		0.	3.4	6.7	32	66	39	26	7.9	1.7	.1	0	MAX.
AC. FT.		129	500	10024	13125	8029	3213	2101	978	292	47	12	AC. FT.

Total Acre-Feet 38450

Table A-4

COTTONWOOD CREEK NEAR ELDERWOOD

Location: Latitude 36°31'47", longitude 119°07'33", in the 5E 1/4, 5E 1/4, Section 15, T16S, R26E, M08&M, Tulare County, on left bank 25 feet upstream from State Highway 69, 4.0 miles north of Elderwood and 8.0 miles north of Woodlake.

Drainage Area: 60.4 square miles.

Period of Record: 1956 to current year, formerly published as Cottonwood Creek above Highway 65 (presently Highway 69).

Gage: Water-stage recorder. Altitude of gage is 575 feet (from topographic map).

Average Discharge: Nine years, 12.4 cfs, 8,980 acre-feet per year.

Extremes for Period of Record: Maximum discharge, 1,660 cfs, April 1, 1974 (gage height, 5.56 feet; maximum gage height, 7.65 feet on February 20, 1980, backwater from debris); minimum, no flow for several months in most years.

Remarks: Record is fair. No regulation or diversion above station.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		COTTONWOOD CREEK NEAR ELDERWOOD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	2.4	2.1	1.1	1.8	.1	0	0	0		1
2			0	2.1	2.7	6.3	2.1	.1	0	0	0		2
3			0	2.1	2.7	8.0	2.1	.1	0	0	.1		3
4			0	2.4	3.3	6.8	3.4	.1	.9	0	0		4
5			0	2.4	4.1	5.3	4.1	.1	.1	0	0		5
6			0	2.1	6.8	4.5	3.4		0	0	0		6
7			0	2.1	6.3	4.1	2.7	1.0	0	0	0		7
8			0	2.4	4.9	3.7	3.7	1.0	0	0	0		8
9			0	2.7	5.8	3.4	5.3	.9	0	0	0		9
10			0	2.7	8.6	3.0	3.7	.9	.8	0	0		10
11			0	2.7	5.8	2.7	3.7	.4	.8	0	0		11
12	N	N	0	2.7	4.9	2.4	3.7	.2	.8	0	0	N	12
13	O	O	.3	2.7	4.5	2.4	4.1	.1	.1	0	0	O	13
14			1.1	2.4	4.5	2.7	3.7	.1	0	0	0		14
15			1.6	2.4	4.5	2.7	3.7	.1	0	0	0		15
16	F	F	1.8	2.4	4.1	2.7	4.5	.1	0	0	0	F	16
17	L	L	1.8	2.4	3.7	2.8	3.7	.1	0	0	0	L	17
18	O	O	1.8	2.1	3.7	3.0	2.7	.2	0	0	0	O	18
19	W	W	2.1	2.1	4.5	3.0	1.5	.9	0	.2	0	W	19
20			2.1	1.8	4.9	2.7	.8	.9	1.0	.5	0		20
21			2.1	1.8	4.5	2.7	.5	0	.1	.5	0		21
22			2.1	2.4	4.1	2.7	.3	0	0	.1	0		22
23			2.1	2.4	4.1	2.4	.3	0	.7	0	0		23
24			2.1	2.4	3.7	2.7	.2	0	.7	0	0		24
25			2.1	1.8	3.7	2.7	.2	0	.7	0	0		25
26			2.1	1.8	4.1	2.7	.2	0	0	0	0		26
27			2.1	1.8	4.1	2.4	.1	0	0	.1	0		27
28			2.1	2.1	4.5	2.4	.1	0	0	0	0		28
29			2.1	2.4	5.3	2.4	.1	0	0	0	0		29
30			2.4	2.4		2.4	.1	0	0	0	0		30
31			2.4	2.7		2.1		0	0	0	0		31
MEAN													MEAN
MAX.			2.4	2.7	8.6	11.0	5.3	1.0	1.0	.5	.1		MAX.
MIN.			0	1.8	2.7	2.1	.1	0	0	0	0		MIN.
AC. FT.			72.0	141.0	260.0	220.0	132.0	15.0	13.0	2.5	.2		AC. FT.

Total Acre-Feet 856

Table A-4 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		COTTONWOOD CREEK NEAR ELDERWOOD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	.1	1.0	0					1
2					0	0	1.0	0					2
3					0	.2	.9	0					3
4					0	.7	.7	0					4
5					0	1.0	.7	0					5
6					0	1.0	.4	0					6
7					0	.5	0	0					7
8					0	0	0	0					8
9					0	0	0	0					9
10					0	0	0	0					10
11					0	0	0	0					11
12	N	N	N	N	0	0	0	0	N	N	N	N	12
13	O	O	O	O	0	0	0	0	O	O	O	O	13
14					0	0	0	0					14
15					0	.1	0	0					15
16	F	F	F	F	1.1	.6	0	0	F	F	F	F	16
17	L	L	L	L	2.2	1.0	0	0	L	L	L	L	17
18	O	O	O	O	2	.6	0	0	O	O	O	O	18
19	W	W	W	W	2	.6	0	0	W	W	W	W	19
20					1.9	.9	0	0					20
21					1.9	1.0	.2	.2					21
22					1.9	1.0	.4	.1					22
23					1.9	1.0	.5	0					23
24					1.9	1.1	.2	0					24
25					1.9	1.3	.1	0					25
26					1.3	1.5	.1	0					26
27					1.1	1.1	0	0					27
28					.5	1.0	0	0					28
29						.9	0	0					29
30						.9	0	0					30
31						1.0	0	0					31
MEAN													MEAN
MAX.					2.2	1.5	1.0	.2					MAX.
MIN.					0	0	0	0					MIN.
AC. FT.					42	38	12	1					AC. FT.

Total Acre-Feet 93

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		COTTONWOOD CREEK NEAR ELDERWOOD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	32	62	86	56	16	7.9	1.1	1.2	1
2				0	31	127	78	52	15	7.8	.8	2.0	2
3				0	29	114	70	47	16	7.1	.3	.8	3
4				.3	30	454	103	45	15	6.5	.2	3.7	4
5				.6	55	284	89	43	14	6.4	.2	8.0	5
6				4.6	50	164	96	40	13	6.1	.2	10	6
7				2.0	53	134	154	36	12	5.2	1.9	5.6	7
8				1.0	64	117	111	36	13	4.8	2.0	4.7	8
9				23	559	110	95	34	12	5.2	.3	3.5	9
10				54	682	103	86	33	12	5.4	.4	3.3	10
11				31	244	116	80	31	12	4.6	.8	3.8	11
12	N	N	N	7.7	182	102	75	30	12	5.0	0	3.9	12
13	O	O	O	4.9	501	95	72	31	12	4.1	0	3.6	13
14				50	242	83	68	29	11	3.8	.1	3.6	14
15				214	177	75	83	28	11	4.1	.6	4.7	15
16	F	F	F	290	146	71	115	26	11	4.1	.9	4.3	16
17	L	L	L	318	127	66	77	25	10	4.3	.8	4.3	17
18	O	O	O	182	114	63	69	24	9.5	3.8	.8	3.9	18
19	W	W	W	208	103	58	64	23	9.5	3.6	1.5	3.3	19
20				141	94	56	61	22	9.2	3.3	1.8	3.2	20
21				100	87	103	60	22	8.8	2.9	.6	3.0	21
22				77	81	134	56	21	8.4	2.6	0	2.7	22
23				65	76	88	53	21	8.2	2.8	.1	2.7	23
24				56	70	77	52	20	8.4	2.6	.4	2.5	24
25				51	66	72	118	20	7.8	3.3	.5	1.3	25
26				45	63	68	100	20	8.1	2.6	1.1	.6	26
27				42	62	66	76	19	8.2	2.7	1.0	.9	27
28				39	61	63	67	19	7.7	2.6	1.5	1.3	28
29				37	60	60	60	19	7.5	3.2	1.4	1.9	29
30				35	57	57	59	18	7.6	2.5	1.1	1.9	30
31				33	164	164	164	16		2.3	1.5		31
MEAN													MEAN
MAX.				318	682	454	154	56	16	7.9	2.0	10	MAX.
MIN.				0	29	56	52	16	7.5	2.3	0	.6	MIN.
AC. FT.				4190	8090	6760	4830	1800	646	264	49	199	AC. FT.

Total Acre-Feet 26828

Table A-4 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		COTTONWOOD CREEK NEAR ELDERWOOD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.9	5.2	7	10	48	110	63	9.7	4.9	.6	1.9	.3	1
2	3.3	5.8	10	9.6	60	64	56	9.6	4.3	1.0	3.4	.6	2
3	2.6	4.9	7.3	10	42	46	47	9.6	3.6	1.8	3.8	.3	3
4	2.2	5.1	6.5	10	25	36	42	9	3.5	3.2	3.1	.2	4
5	1.8	5.5	7.1	10	21	30	38	8.3	3.4	3.8	.9	.1	5
6	1.6	5.7	7.4	9.6	18	26	33	7.9	2.8	2.4	.4	.1	6
7	1.1	5.7	6.7	9.1	15	24	29	8.6	2.5	1.3	.5	.1	7
8	1.2	5.4	5.9	9.1	15	23	25	8.8	2.3	.8	.6	0	8
9	1.6	6	5.4	12	14	20	24	8.8	2.2	.6	.5	0	9
10	3.6	5.7	5.3	11	13	19	22	7.7	1.8	.9	.4	0	10
11	4.7	6.3	6.2	10	12	18	21	7	1.6	.9	.1	0	11
12	4.6	6.6	6.6	15	12	17	20	6.9	1.3	1.4	0	0	12
13	4	5.7	5.8	14	11	17	19	6	1.1	1.9	0	0	13
14	4.8	5.6	5.8	13	18	16	17	6.3	.8	2.9	0	0	14
15	4.4	5.8	5.9	19	17	17	17	6.3	.8	2.7	0	0	15
16	4.1	5.3	5.6	17	14	40	17	6.2	1.1	2.2	0	0	16
17	5.1	5	5.3	13	13	26	16	6.3	1.5	2.4	0	0	17
18	5.8	5.2	7.8	17	12	26	15	6.2	2.2	3.1	.4	0	18
19	6.1	5.4	15	14	12	26	17	6	2.1	3.3	1.7	0	19
20	6.2	5.4	13	11	13	23	17	6	1.8	3.2	1.8	0	20
21	6.4	5.6	12	11	181	22	16	5.9	1.5	1.9	1.4	.1	21
22	6.1	6.3	12	10	115	20	15	6.1	.9	.9	1.5	.1	22
23	5.5	5.5	11	9.6	99	18	14	6.2	.8	.4	.3	.2	23
24	4.8	5	10	9.1	66	17	13	6.3	.8	.1	0	.1	24
25	4.2	5.1	10	10	49	16	13	6.2	.7	0	.1	.1	25
26	4.7	5.3	11	9.1	39	15	11	5.9	.5	0	.1	.1	26
27	5.3	5.6	11	8.2	38	60	12	5.7	.6	0	.1	.1	27
28	4.9	5.9	10	8.7	29	222	13	5.4	.6	.1	.1	.1	28
29	4.8	5.4	10	7.8	138	11	5.4	.3	1.7	1.7	.1	.1	29
30	4.9	5.4	10	7.8	87	10	5.4	.4	2.3	2.3	.1	.1	30
31	5.5		9.6	14	71		5.3		2.7	2.7	.2		31
MEAN	6.4	6.6	15	19	181	222	63	9.7	4.9	3.8	3.8	.6	MEAN
MAX.	1.1	4.9	5.3	7.8	11	15	10	5.3	.3	0	0	0	MAX.
AC. FT.	255	330	520	692	2025	2598	1355	426	104	100	46	5	AC. FT.

Total Acre-Feet 8456

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		COTTONWOOD CREEK NEAR ELDERWOOD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	.2	3.5	10	14	47	30	19	8.9	2.5	1.1	0	1
2	0	.1	3.5	7.4	14	46	29	18	9.1	2.5	1	0	2
3	0	.1	3.3	6.5	13	145	28	18	8.3	2.5	1.0	0	3
4	0	.1	3.2	6.1	13	81	28	17	8.9	2.6	.8	0	4
5	0	.4	3.5	5.8	13	126	45	16	8.6	2.5	.8	.1	5
6	0	1.5	3.6	5.7	12	151	36	16	7.7	2.5	.8	.1	6
7	0	3.6	3.8	5.6	12	106	30	15	7.7	2.5	.6	.2	7
8	0	3.6	3.4	5.4	12	81	29	16	7	2.5	.7	.2	8
9	0	3.5	3.3	6.8	12	69	28	15	6.4	2.8	.8	.2	9
10	0	3.5	3.5	41	12	64	28	20	7.5	2.7	.8	.2	10
11	0	3.5	3.3	54	12	57	27	16	6.8	2.4	.6	.2	11
12	0	3.5	3	149	12	52	26	15	6.4	2.5	.7	.2	12
13	0	3.5	3	358	12	49	25	16	6.5	2.7	1.0	.3	13
14	0	3.5	3	434	13	47	24	16	6.4	2.6	1.2	.3	14
15	0	3.5	3	140	15	46	23	15	6.2	2.7	1.6	.3	15
16	0	3.5	3	62	39	42	23	15	5.3	2.7	1.1	.3	16
17	0	6.1	3	48	191	42	21	14	4.8	2.6	1	.4	17
18	0	5.7	3	120	117	42	21	13	4.3	2.1	.8	.8	18
19	0	3.9	2.8	63	299	40	21	13	3.9	2	.8	1.3	19
20	0	3.4	2.7	43	569	38	20	12	4.3	2.4	.6	1.4	20
21	0	3.3	3.2	34	405	38	21	11	3.4	2.4	.3	1.4	21
22	0	3.2	4.6	28	180	36	21	12	3.7	2.5	.2	1.5	22
23	0	3.2	3.7	22	115	35	22	11	4.6	2.5	.2	1.5	23
24	0	3.2	3.3	19	86	34	21	11	4.3	1.4	.1	1.6	24
25	0	3.6	5.7	18	72	33	20	11	3.7	.6	.1	1.3	25
26	.1	4	4.8	17	64	33	19	11	3.2	.5	0	1.3	26
27	.5	3.7	3.3	17	58	33	19	11	2.7	.5	0	1.3	27
28	.4	3.5	3	16	54	32	19	10	2.8	.6	0	1.5	28
29	.3	3.4	3	16	50	31	19	8.8	2.5	.8	0	1.6	29
30	.2	3.5	3	15	31	31	19	8.3	2.6	1	0	1.5	30
31	.2		8.1	15	30		9.3			1	0		31
MEAN	.5	.6.1	8.1	434	569	151	45	20	9.1	2.8	1.6	1.6	MEAN
MAX.	0	.1	2.7	5.4	12	30	19	8.3	2.5	.5	0	0	MAX.
AC. FT.	3	181	218	3547	4939	3445	1472	852	334	127	37	42	AC. FT.

Total Acre-Feet 15197

Table A-5

SAND CREEK NEAR ORANGE COVE

Location: Latitude 36°37'36", longitude 119°14'48", in the SW 1/4, SW 1/4, Section 15, T15S, R25E, MDB&M Tulare County, on right bank 3.8 miles east of Orange Cove.

Drainage Area: 31.6 square miles.

Period of Record: October 1944 to current year. U. S. Geological Survey operated station 1944 to 1954, 1971 to current year. U. S. Bureau of Reclamation operated station 1955 to 1967. Kaweah Delta Water Conservation District operated station 1968 to February 1971.

Gage: Water-stage recorder. Altitude of gage 490 feet (from topographic map).

Average Discharge: 19 years (water years 1945 through 1954 and 1972 through 1980), 3.23 cfs, 2,340 acre-feet per year.

Extremes for Period of Record: Maximum discharge, 1,050 cfs on February 10, 1978 (gage height, 5.78 feet in gaging well, 6.38 feet from floodmarks), from rating curve extended above 160 cfs on basis of slope area measurement of peak flow; minimum, no flow for several months in each year.

Extremes Outside Period of Record: Flood of February 25, 1969 reached a stage of 8.35 feet from floodmarks; discharge, 2,900 cfs. Maximum discharge since 1944, 3,520 cfs on January 25, 1969, 8.75 feet from floodmarks.

Remarks: Record is fair. Construction of flood control dam 2.9 miles upstream began May 14, 1980.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		SAND CREEK NEAR ORANGE COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	1.6	1.3	7.9	1.6	.3					1
2			0	1.6	1.3	3.1	1.6	.3					2
3			0	1.7	1.3	6.6	1.6	.4					3
4			0	1.7	1.7	4.5	2.3	.3					4
5			0	1.7	2.1	2.7	2.7	.2					5
6			0	1.7	9.1	2.1	2.1	.2					6
7			0	1.8	4.5	1.9	1.7	.1					7
8			0	1.8	2.3	1.8	2.2	.1					8
9			0	1.8	3.6	1.7	3.1	.1					9
10			0	1.8	6.7	1.6	2.2	.1					10
11			0	1.8	2.7	1.5	2.0	0					11
12	N	N	0	1.8	2.0	1.5	2.1	0	N	N	N	N	12
13	O	O	.2	1.8	1.8	1.4	2.3	0	O	O	O	O	13
14			.4	1.8	1.7	1.4	2.0	0					14
15			.5	1.8	1.6	1.4	2.3	0					15
16	F	F	.8	1.8	1.6	1.4	3.5	0	F	F	F	F	16
17	L	L	.8	1.9	1.5	1.4	2.2	0	L	L	L	L	17
18	O	O	.8	1.8	1.4	1.4	1.7	0	O	O	O	O	18
19	W	W	.8	1.7	1.7	1.4	1.5	0	W	W	W	W	19
20			.9	1.6	1.9	1.4	1.4	0					20
21			1.0	1.5	1.6	1.4	1.2	0					21
22			1.2	1.5	1.4	1.4	.9	0					22
23			1.5	1.5	1.4	1.4	.7	0					23
24			1.5	1.6	1.3	1.5	.5	0					24
25			1.5	1.6	1.2	1.4	.4	0					25
26			1.5	1.5	1.0	1.5	.5	0					26
27			1.5	1.5	1.1	1.5	.5	0					27
28			1.5	1.5	1.1	1.6	.4	0					28
29			1.6	1.5	1.5	1.6	.3	0					29
30			1.7	1.5	1.5	1.5	.2	0					30
31			1.7	1.5	1.6	1.6		0					31
MEAN													MEAN
MAX.			1.7	1.9	9.1	7.9	3.5	.4					MAX.
MIN.			0	1.5	1.0	1.4	.2	0					MIN.
AC. FT.			42	103	126	128	95	4					AC. FT.

Total Acre-Feet 498

Table A-5 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		SAND CREEK NEAR ORANGE COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	.4	.2						1
2					0	.4	.1						2
3					0	.5	.1						3
4					0	.4	.1						4
5					0	.4							5
6					0	.3	0						6
7					0	.3	0						7
8					0	.3	0						8
9					0	.2	0						9
10					0	.2	0						10
11					0	.2	0						11
12	N	N	N	N	0	.2	0	N	N	N	N	N	12
13	O	O	O	O	0	.2	0	O	O	O	O	O	13
14					0	.3	0						14
15					0	.3	0						15
16	F	F	F	F	0	.3	0	F	F	F	F	F	16
17	L	L	L	L	0	.3	0	L	L	L	L	L	17
18	O	O	O	O	0	.2	0	O	O	O	O	O	18
19	W	W	W	W	0	.3	0	W	W	W	W	W	19
20					0	.3	0						20
21					0	.3	0						21
22					.5	.3	0						22
23					.6	.3	0						23
24					.6	.2	0						24
25					.4	.3	0						25
26					.3	.2	0						26
27					.3	.2	0						27
28					.3	.2	0						28
29						.3	0						29
30						.3	0						30
31						.2	0						31
MEAN													MEAN
MAX.					.6	.5	.3						MAX.
MIN.					0	.2	0						MIN.
AC. FT.					6	17	2						AC. FT.

Total Acre-Feet 25

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		SAND CREEK NEAR ORANGE COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	.2	18	29	27	5.3	3.1	1.1	.1	1
2				0	.1	46	25	25	4.8	3.1	.7	.1	2
3				0	.1	28	21	22	5.0	3.4	.6	.1	3
4				0	.1	267	40	21	5.4	3.0	.4	.3	4
5				0	.2	163	28	20	6.3	3.3	.4		5
6				0	2.1	90	44	17	4.4	3.2	.4	21	6
7				0	4.2	61	92	16	3.7	3.2	.3	11	7
8				0	5.2	49	46	15	3.3	3.1	.2	4.1	8
9				17	362	45	35	16	2.7	2.9	.2	2.4	9
10				18	642	38	29	14	2.6	2.2	.1	1.7	10
11				5.0	150	41	26	13	2.8	1.5	.1	2.0	11
12	N	N	N	1.5	96	35	24	13	2.7	1.9	.1	1.9	12
13	O	O	O	.7	297	29	23	14	2.5	2.3	.2	1.8	13
14				16	114	26	23	15	2.2	1.9	.5	1.9	14
15				109	71	24	33	13	2.0	1.9	.5	1.9	15
16	F	F	F	180	50	23	51	14	2.0	1.7	.3	1.7	16
17	L	L	L	149	39	21	26	13	1.9	1.9	.2	1.5	17
18	O	O	O	24	32	19	24	12	1.6	1.4	.2	1.3	18
19	W	W	W	56	23	17	23	10	1.6	1.2	.2	1.5	19
20				15	25	15	22	10	1.4	1.0	.1	1.7	20
21				5.8	23	41	21	9.5	1.4	1.0	.1	1.9	21
22				3.4	21	30	19	10	1.5	1.1	.1	1.9	22
23				2.3	19	17	18	10	1.3	1.1	.2	1.9	23
24				1.7	18	13	23	10	1.4	1.2	.2	1.7	24
25				1.5	17	11	106	10	1.6	1.7	.2	1.7	25
26				1.3	16	9.5	65	10	1.8	3.4	.3	1.7	26
27				.9	16	14	42	10	2.0	2.5	.3	1.3	27
28				.7	16	8.8	34	9.1	2.1	1.6	.3	1.7	28
29				.4		6.6	30	8.0	2.3	1.2	.2	2.1	29
30				.4		5.7	28	6.9	2.4	1.1	.1	1.3	30
31				.2		80		5.9		1.1	.1		31
MEAN													MEAN
MAX.				180	642	267	106	27	6.3	3.4	1.1	21	MAX.
MIN.				0	.1	5.7	18	5.9	1.3	1.0	.1	.1	MIN.
AC. FT.				1210	4094	2571	2063	832	163	127	18	171	AC. FT.

Total Acre-Feet 11249

Table A-5 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		SAND CREEK NEAR ORANGE COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	.9	2.9	7.4	2	24	48	16	3.6	.6	.1			1
2	.9	3.8	10	2.1	29	21	14	3.7	.5	.1			2
3	1.0	2.6	4.2	2.3	19	14	13	3.8	.5	.1			3
4	.9	2.4	3	2.2	12	12	12	3.9	.4	.1			4
5	.8	2.4	3.3	2.6	9.2	11	11	3.5	.4	.1			5
6	.8	2.2	3.3	2.8	6.9	10	10	3.2	.3	.1			6
7	.8	2.1	2.6	2.4	5.3	9.6	9.9	3.6	.3	.1			7
8	1.0	2	2	3.2	4.5	9.1	9.3	4.4	.2	0			8
9	1.1	2.4	2	17	3.6	7.9	9	4.4	.2	0			9
10	1.0	2.8	2.3	7.4	3.3	6	8.7	3.4	.2	0			10
11	1.0	4.2	2.5	6.5	3	5.2	8.2	2.7	.1	0			11
12	1.2	5.1	2.7	13	2.7	5.1	7.9	2.3	.1	.1	N	N	12
13	1.3	4	2.8	8.4	2.8	4.6	7.1	1.9	.1	0	O	O	13
14	1.1	3.8	2.7	8.7	8.3	3.9	6.7	1.7	.1	0			14
15	1.1	3.6	2.9	17	5.6	5.4	6	1.6	.1	0			15
16	1.3	3.5	3.2	15	3.7	12	5.9	1.5	.1	0	F	F	16
17	1.5	3.7	3.9	9.8	3.3	10	5.3	1.5	.1	0	L	L	17
18	1.5	3.7	11	16	2.9	9.4	5.2	1.5	.2	0	O	O	18
19	1.3	3.8	17	11	6.9	10	5.0	1.4	.2	0	W	W	19
20	1.4	3.9	9.4	7.9	6.5	9.6	4.8	1.3	.2	0			20
21	1.6	5.3	4.8	6.3	100	7.8	4.5	1.3	.1	0			21
22	1.8	8.2	3.8	5.2	54	4.8	4.4	1.3	.1	0			22
23	1.7	5.9	3.3	4.4	44	3.9	4.2	1.3	.1	0			23
24	1.5	4.6	2.9	4	24	3.3	4.0	1.4	.9	0			24
25	1.4	4.2	2.8	5.2	17	3.2	4.0	1.2	.9	0			25
26	1.3	3.6	2.6	4.1	14	3.3	4.2	1.1	.1	0			26
27	1.4	3.6	2.5	3.3	13	22	4.5	.9	.1	0			27
28	1.6	3.3	2.5	3.4	11	142	4.4	.9	.1	0			28
29	1.8	3.3	2.3	3	45	4.2	4.2	.9	.1	0			29
30	1.8	3.5	2.3	2.8	22	3.8	3.8	.8	.1	0			30
31	1.8		2.2	16	18			.8		0			31
MEAN	1.8	8.2	17	17	100	142	16	4.4	.6	.1			MEAN
MAX.	.8	2	2	2	2.7	3.2	3.8	.8	.1	0			MAX.
AC. FT.	78	219	258	426	872	990	431	132	12	2			AC. FT.

Total Acre-Feet 3420

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		SAND CREEK NEAR ORANGE COVE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	1.8	17.0	7.2	16	10	5.8	3.2	1.0	.1		1
2		0	1.8	3.6	6.9	17	9.7	5.6	2.8	.9	0		2
3		0	1.7	3.2	6.6	63	9.3	5.5	3	.9	0		3
4		0	1.6	3	6.4	32	9.3	5.3	2.8	.9	0		4
5		.2	1.8	2.9	6.2	49	21	4.9	2.7	.8	0		5
6		.3	1.9	2.8	6	92	14	5	2.6	.8	0		6
7		.3	2	2.8	5.8	57	11	5	2.5	.8	0		7
8		.4	1.8	2.5	5.6	38	9.8	4.8	2.3	.8	0		8
9		.5	1.8	3.1	5.5	31	9.3	4.7	2.2	1.0	0		9
10		.6	1.9	11	5.3	28	9	6.5	1.9	.6	0		10
11		.6	2.2	14	5.1	25	8.6	5.8	1.7	.7	0		11
12	N	.7	2.1	40	5	22	7.8	4.9	2	.7	0	N	12
13	O	.8	2	120	5	20	7.7	4.6	2	.7	0	O	13
14		.9	2	63	5.4	19	7.5	5.4	2	.7	0		14
15		1.0	2.2	35	19	18	7.6	4.4	1.8	.7	0		15
16	F	1	2.2	25	45	17	7.6	4.5	1.6	.6	0	F	16
17	L	3.1	2.2	16	94	16	7.2	4.2	1.5	.5	0	L	17
18	O	2.9	2.2	32	86	16	7	3.9	1.3	.4	0	O	18
19	W	2	2.2	23	75	15	6.7	3.7	1.3	.4	0	W	19
20		1.7	2.2	19	235	14	6.4	3.5	1.2	.4	0		20
21		1.6	2.6	17	209	14	6.6	3.4	1.1	.5	0		21
22		1.6	3.3	15	69	13	6.6	3.3	.9	.6	0		22
23		1.6	2.7	13	44	13	7.2	3.3	1.1	.5	0		23
24		1.6	2.7	12	34	12	6.8	3.4	1.2	.4	0		24
25		1.8	3.1	11	27	12	6.5	3	1.1	.3	0		25
26		2	2.8	9.8	23	12	6.2	3	1	.2	0		26
27		1.9	2.5	9.2	21	12	6	3.6	.9	.2	0		27
28		1.8	2.5	8.6	20	12	5.9	3.7	.8	.1	0		28
29		1.8	2.5	8.2	18	11	6.2	4.1	.7	.1	0		29
30		1.8	2.8	8	11	11	6	3.5	.7	.1	0		30
31			5.3	7.6	10	10		3.2		.1	0		31
MEAN		3.1	5.3	120	235	92	21	6.5	3.2	1.0	.1		MEAN
MAX.		0	1.6	2.5	5	10	5.9	3	.7	.1	0		MAX.
AC. FT.		68	144	1107	2184	1462	497	269	103	34	0		AC. FT.

Total Acre-Feet 5868

Table A-6

HAWKEYE DITCH

Location: In the SW 1/4, Section 25, T17S, R27E, MDB&M, Tulare County, on south side of the Kaweah River immediately downstream of Terminus Dam.

Gage: Flowmeter in 12-inch pipe.

Remarks: Station is operated by the U. S. Corps of Engineers.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		HAWKEYE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1
2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2
3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	3
4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	4
5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	5
6													
7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	7
8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	8
9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	9
10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	10
11	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	11
12	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	12
13	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	13
14	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	14
15	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	15
16	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	16
17	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	17
18	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	18
19	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	19
20	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	20
21	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	21
22	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	22
23	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	23
24	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	24
25	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	25
26	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	26
27	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	27
28	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	28
29	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	29
30	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	30
31	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	31
MEAN													MEAN
MAX.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	MAX.
MIN.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	MIN.
AC. FT.	123	119	123	123	115	123	119	123	119	123	120	114	AC. FT.

Total Acre-Feet 1445

Table A-6 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		HAWKEYE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	1
2	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	2.0	2
3	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	2.0	3
4	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	2.0	4
5	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	2.0	5
6	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	2.0	6
7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	2.0	7
8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	2.0	8
9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	2.0	9
10	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	10
11	1.9	1.9	1.9	1.9	2.0	1.9	2.0	2.0	2.0	2.0	1.9	1.9	11
12	1.9	1.9	1.9	1.9	2.0	1.9	2.0	2.0	2.0	2.0	1.9	1.9	12
13	1.9	1.9	1.9	1.9	2.0	1.9	2.0	1.9	2.0	2.0	1.9	1.9	13
14	1.9	1.9	1.9	1.9	2.0	1.9	2.0	1.9	2.0	2.0	1.9	1.9	14
15	1.9	1.9	1.9	1.9	2.0	1.9	2.0	1.9	2.0	2.0	1.9	1.9	15
16	1.9	1.9	1.9	1.9	2.0	1.9	2.0	1.9	2.0	2.0	1.9	1.9	16
17	1.9	1.9	1.9	1.9	2.0	1.9	2.0	0.8	2.0	2.0	1.9	1.9	17
18	1.9	1.9	1.9	1.9	2.0	1.9	2.0	0.0	2.0	2.0	1.9	1.9	18
19	1.9	1.9	1.9	1.9	2.0	1.9	2.0	0.0	2.0	2.0	1.9	1.9	19
20	1.9	1.9	1.9	1.9	2.0	1.9	2.0	0.0	2.0	2.0	1.9	1.9	20
21	1.9	1.9	1.9	1.9	2.0	1.9	2.0	0.0	2.0	2.0	1.9	1.9	21
22	1.9	1.9	1.9	1.9	2.0	1.9	2.0	0.0	2.0	2.0	1.9	1.9	22
23	1.9	1.9	1.9	1.9	2.0	1.9	2.0	0.0	2.0	2.0	1.9	1.9	23
24	1.9	1.9	1.9	1.9	2.0	1.9	2.0	1.3	2.0	2.0	1.9	1.9	24
25	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	25
26	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	26
27	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	27
28	1.9	1.9	1.9	2.1	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	28
29	1.9	1.9	1.9	2.1	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	29
30	1.9	1.9	1.9	2.1	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	30
31	1.9	1.9	1.9	2.1	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	31
MEAN	1.9	1.9	1.9	2.1	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	MEAN
MAX.	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.0	2.0	2.0	1.9	1.9	MAX.
MIN.	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.0	2.0	2.0	1.9	1.9	MIN.
AC. FT.	117	113	117	118	108	117	118	95	119	123	117	115	AC. FT.

Total Acre-Feet 1377

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		HAWKEYE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.9	1.9	1.9	1.9	2.0		0	2.0	2.0	2.0	2.0	2.0	1
2	1.9	1.9	1.9	1.9	2.0		0	2.0	2.0	2.0	2.0	2.0	2
3	1.9	1.9	1.9	1.9	2.0		0	2.0	2.0	2.0	2.0	2.0	3
4	1.9	1.9	1.9	2.0	2.0		0	2.0	2.0	2.0	2.0	2.0	4
5	1.9	1.9	1.9	2.0	2.0		0	2.0	2.0	2.0	2.0	2.0	5
6	1.9	1.9	1.9	2.0	2.0		0	2.0	2.0	2.0	2.0	2.0	6
7	1.9	1.9	1.9	2.0	2.0		0	2.0	2.0	2.0	2.0	2.0	7
8	1.9	1.9	1.9	2.0	2.0		0	2.0	2.0	2.0	2.0	2.0	8
9	1.9	1.9	2.0	2.0	2.0		0	2.0	2.0	2.0	2.0	2.0	9
10	1.9	1.9	2.0	2.0	.7		0	2.0	2.0	2.0	2.0	2.0	10
11	1.9	1.9	2.0	2.0	0		0	2.0	2.0	2.0	2.0	2.0	11
12	1.9	1.9	2.0	2.0	0	H	0	2.0	2.0	2.0	2.0	2.0	12
13	1.9	1.9	2.0	2.0	0	O	0	2.0	2.0	2.0	2.0	2.0	13
14	1.9	1.9	2.0	2.0	0		0	2.0	2.0	2.0	2.0	2.0	14
15	1.9	1.9	2.0	2.0	0		0	2.0	2.0	2.0	2.0	2.0	15
16	1.9	1.9	1.9	2.0	0	F	0	2.0	2.0	2.0	2.0	2.0	16
17	1.9	1.9	1.9	2.0	0	L	0	2.0	2.0	2.0	2.0	2.0	17
18	1.9	1.9	1.9	2.0	0	O	0	2.0	2.0	2.0	2.0	2.0	18
19	1.9	1.9	1.9	2.0	0	W	0	2.0	2.0	2.0	2.0	2.0	19
20	1.9	1.9	1.9	2.0	0		0	2.0	2.0	2.0	2.0	2.0	20
21	1.9	1.9	1.9	2.0	0		1.3	2.0	2.0	2.0	2.0	2.0	21
22	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	22
23	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	23
24	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	24
25	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	25
26	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	26
27	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	27
28	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	28
29	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	29
30	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	30
31	1.9	1.9	1.9	2.0	0		2.0	2.0	2.0	2.0	2.0	2.0	31
MEAN	1.9	1.9	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.0	MEAN
MAX.	1.9	1.9	1.9	1.9	0		0	2.0	2.0	2.0	2.0	2.0	MAX.
MIN.	1.9	1.9	1.9	1.9	0		0	2.0	2.0	2.0	2.0	2.0	MIN.
AC. FT.	167	113	118	122	37		38	123	119	123	123	123	AC. FT.

Total Acre-Feet 1206

Table A-6 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		HAWKEYE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1
2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2
3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3
4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	4
5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	5
6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	6
7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	7
8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	8
9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	9
10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	10
11	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	11
12	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	12
13	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	13
14	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	14
15	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	15
16	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	16
17	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	17
18	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	18
19	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	19
20	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	20
21	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	21
22	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	22
23	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	23
24	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	24
25	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	25
26	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	26
27	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	27
28	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	28
29	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	29
30	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	30
31	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	31
MEAN	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	MEAN
MAX.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	MAX.
MIN.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	1.9	MIN.
AC. FT.	123	119	123	123	111	123	119	120	119	123	123	117	AC. FT.

Total Acre-Feet 1443

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		HAWKEYE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1
2	1.9	1.9	2	2	2	2	2	2	2	2	2	2	2
3	1.9	1.9	2	2	2	2	2	2	2	2	2	2	3
4	1.9	1.9	2	2	2	2	2	2	2	2	2	2	4
5	1.9	1.9	2	2	2	2	2	2	2	2	2	2	5
6	1.9	1.9	2	2	2	2	2	2	2	2	2	2	6
7	1.9	1.9	2	2	2	2	2	2	2	2	2	2	7
8	1.9	1.9	2	2	2	2	2	2	2	2	2	2	8
9	1.9	2	2	2	2	2	2	2	2	2	2	2	9
10	1.9	2	2	2	2	2	2	2	2	2	2	2	10
11	1.9	2	2	2	2	2	2	2	2	2	2	2	11
12	1.9	2	2	2	2	2	2	2	2	2	2	2	12
13	1.9	2	2	2	2	2	2	2	2	2	2	2	13
14	1.9	2	2	2	2	2	2	2	2	2	2	2	14
15	1.9	2	2	2	2	2	2	2	2	2	2	2	15
16	1.9	2	2	2	2	2	2	2	2	2	2	2	16
17	1.9	2	2	2	2	2	2	2	2	2	2	2	17
18	1.9	2	2	2	2	2	2	2	2	2	2	2	18
19	1.9	2	2	2	2	2	2	2	2	2	2	2	19
20	1.9	2	2	2	2	2	2	2	2	2	2	2	20
21	1.9	2	2	2	2	2	2	2	2	2	2	2	21
22	1.9	2	2	2	2	2	2	2	2	2	2	2	22
23	1.9	2	2	2	2	2	2	2	2	2	2	2	23
24	1.9	2	2	2	2	2	2	2	2	2	2	2	24
25	1.9	2	2	2	2	2	2	2	2	2	2	2	25
26	1.9	2	2	2	2	2	2	2	2	2	2	2	26
27	1.9	2	2	2	2	2	2	2	2	2	2	2	27
28	1.9	2	2	2	2	2	2	2	2	2	2	2	28
29	1.9	2	2	2	2	2	2	2	2	2	2	2	29
30	1.9	2	2	2	2	2	2	2	2	2	2	2	30
31	1.9	2	2	2	2	2	2	2	2	2	2	2	31
MEAN	1.9	2	2	2	2	2	2	2	2	2	2	2	MEAN
MAX.	1.9	2	2	2	2	2	2	2	2	2	2	2	MAX.
MIN.	1.9	1.9	2	2	2	2	2	2	2	2	2	2	MIN.
AC. FT.	117	117	123	123	115	123	119	123	119	123	123	119	AC. FT.

Total Acre-Feet 1444

Table A-7

LEMONCOVE DITCH

Location: Latitude 36°24'55", longitude 119°00'22", in the SW 1/4, SW 1/4, Section 25, T17S, R27E, MDB&M, Tulare County, on left bank 250 feet downstream from outlet tunnel of Terminus Dam and 2.4 miles northeast of Lemoncove.

Period of Record: June 1962 to current year.

Gage: Water-stage recorder and Parshall flume. Datum of gage is 546.3 feet above mean sea level.

Average Discharge: 18 years, 4.94 cfs, 3,580 acre-feet per year.

Extremes for Period of Record: Maximum daily discharge, 8.8 cfs on May 5, 1970; minimum, no flow at times.

Remarks: Records excellent.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		LEMONCOVE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8.1	1.1	.9	1.0	7.0	1.0	7.0	8.1	8.0	7.9	8.1	8.0	1
2	8.1	1.1	1.0	1.0	7.0	1.0	7.0	8.0	8.0	7.8	8.1	8.0	2
3	8.1	1.1	1.0	1.0	6.2	1.0	7.0	7.9	8.0	7.9	8.1	8.0	3
4	8.1	1.1	1.0	1.0	4.5	1.0	7.0	8.0	7.4	8.0	8.1	8.0	4
5	8.1	1.1	1.1	1.1	3.4	1.0	7.0	8.1	7.0	8.0	8.1	8.0	5
6	8.1	1.0	1.1	1.0	2.0	1.0	7.0	7.8	7.0	8.0	8.1	8.0	6
7	8.1	1.1	1.1	1.0	1.0	1.0	7.0	6.4	7.0	8.0	8.1	8.0	7
8	8.1	1.3	1.1	1.0	1.2	1.0	7.0	5.9	7.6	8.0	8.1	8.0	8
9	8.1	1.3	1.0	1.0	1.2	1.0	7.0	5.9	8.1	8.0	8.1	8.0	9
10	8.1	1.3	1.0	1.0	1.2	1.1	7.0	5.9	8.1	8.0	8.0	8.0	10
11	4.2	1.3	1.0	1.1	1.2	1.1	6.0	7.1	8.1	8.0	8.0	8.0	11
12	1.4	1.3	1.1	1.1	1.2	1.1	5.1	8.0	8.1	7.8	8.0	8.1	12
13	1.3	1.3	1.1	1.1	1.2	1.1	3.8	8.0	8.1	8.1	8.0	8.1	13
14	1.3	1.3	1.1	1.0	1.2	1.1	3.2	7.9	8.1	8.2	8.1	8.1	14
15	1.3	1.3	1.1	1.0	1.2	1.1	3.3	7.8	8.1	8.1	8.1	8.1	15
16	1.3	1.3	1.0	3.0	1.2	1.1	3.3	7.8	8.1	8.1	8.1	8.1	16
17	1.3	2.4	1.0	4.0	1.2	1.2	3.3	7.8	8.1	8.1	8.1	8.1	17
18	1.3	3.0	1.0	4.0	1.2	1.2	3.3	7.7	8.1	8.1	8.1	8.1	18
19	2.4	4.5	1.1	4.1	1.2	1.2	3.3	7.8	8.1	8.1	8.1	8.1	19
20	4.0	5.9	1.1	4.1	1.2	2.4	3.3	8.0	8.1	8.1	8.0	8.1	20
21	6.0	6.4	1.1	5.4	1.1	3.1	3.3	7.5	8.1	8.1	8.0	8.1	21
22	7.0	6.2	1.1	6.0	1.1	3.1	3.3	7.0	8.2	8.1	8.0	8.1	22
23	7.0	6.2	1.1	6.0	1.1	3.1	3.2	7.0	8.2	8.1	8.0	8.1	23
24	7.0	6.2	1.1	6.0	1.1	3.1	6.0	7.0	8.1	8.1	8.0	8.1	24
25	7.0	6.2	1.1	6.0	1.1	3.1	8.0	7.0	8.0	8.1	8.0	8.1	25
26	7.0	6.2	1.0	6.0	1.1	3.0	8.0	7.3	8.0	8.1	8.0	8.1	26
27	7.0	6.3	1.0	6.3	1.1	3.0	8.0	8.0	8.0	8.1	8.0	8.1	27
28	7.0	2.8	1.0	7.0	1.1	3.0	8.0	8.0	8.0	8.1	8.0	8.1	28
29	7.0	1.0	1.0	7.0	1.1	5.0	8.0	8.0	8.0	8.1	8.0	8.1	29
30	3.5	1.0	1.0	7.0	7.0	7.0	8.0	8.0	8.0	8.1	8.0	8.1	30
31	1.1		1.0	7.0	7.0	7.0	8.1	8.0		8.1	8.0	8.1	31
MEAN													MEAN
MAX.	8.1	6.4	1.1	7.0	7.0	7.0	8.1	8.1	8.2	8.2	8.1	8.1	MAX.
MIN.	1.1	1.0	.9	1.0	1.1	1.0	3.2	5.9	7.0	7.8	8.0	8.0	MIN.
AC. FT.	332	166	64	207	113	131	341	462	472	495	495	480	AC. FT.

Total Acre-Feet 3758

Table A-7 (Cont'd)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		LEMONCOVE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4.8	4.7	2.9	1.0	1.1	3.2	5.1	7.4	8.0	8.1	8.2	8.1	1
2	0	4.8	2.9	1.0	1.4	3.2	5.1	7.4	8.0	8.1	8.1	8.1	2
3	0	4.9	2.9	1.0	1.4	3.3	5.1	7.4	8.0	8.1	8.1	8.1	3
4	0.7	4.9	2.8	1.0	1.1	3.3	5.1	7.4	8.0	8.0	8.1	8.1	4
5	1.1	4.8	2.8	1.0	1.0	3.3	5.1	7.4	8.0	8.0	8.1	8.1	5
6	1.1	4.8	3.6	1.0	1.0	3.3	5.1	7.4	8.0	8.0	8.1	8.1	6
7	1.1	4.8	3.9	1.0	1.1	3.8	5.1	7.4	8.0	8.0	8.0	8.1	7
8	1.0	4.8	4.0	.9	1.2	4.5	5.6	7.4	8.1	8.0	8.0	8.1	8
9	1.0	4.8	4.1	.8	1.2	4.7	6.0	5.5	8.1	9.0	8.0	8.1	9
10	1.0	4.8	3.8	2.0	1.2	4.7	6.0	3.7	8.1	8.2	8.0	8.0	10
11	1.0	4.8	3.7	3.1	1.2	4.7	6.0	3.2	8.1	8.2	8.0	8.0	11
12	4.5	4.5	3.5	2.9	1.2	4.7	6.6	2.4	8.1	8.2	8.0	8.0	12
13	7.0	5.6	3.7	2.9	1.2	4.7	7.2	1.0	8.1	8.2	8.0	8.0	13
14	7.0	6.2	3.7	2.9	1.2	4.7	7.2	1.0	8.1	8.2	8.0	8.0	14
15	7.1	6.2	3.8	2.9	1.2	4.7	7.2	1.0	8.1	8.2	7.9	8.1	15
16	7.1	4.3	4.0	2.9	1.1	4.7	7.2	2.3	8.1	8.3	7.9	8.0	16
17	7.1	3.1	3.5	2.9	1.1	2.6	7.2	5.0	8.1	8.3	8.2	8.0	17
18	7.1	3.0	2.8	1.8	1.8	1.1	7.2	5.0	8.1	8.3	8.2	8.0	18
19	7.1	3.0	3.1	1.2	3.1	1.1	7.2	5.0	8.1	8.3	8.2	8.0	19
20	7.1	3.0	2.9	1.1	3.1	1.1	7.2	5.0	8.1	8.3	8.2	8.0	20
21	7.0	3.1	3.1	1.2	3.1	1.1	7.2	5.0	8.1	8.3	8.2	8.0	21
22	7.0	3.5	3.7	1.1	3.1	1.1	7.3	5.0	8.1	8.4	8.2	9.0	22
23	7.0	3.6	4.1	1.1	3.1	1.3	7.4	5.0	7.8	8.3	8.1	8.0	23
24	7.0	3.4	4.2	1.2	3.1	2.0	7.4	5.6	8.0	8.2	8.2	8.0	24
25	7.0	3.2	4.2	1.2	3.1	1.9	7.4	6.4	8.1	8.2	8.2	8.0	25
26	7.0	2.9	4.2	1.2	3.2	1.9	7.4	6.9	8.1	8.2	8.2	8.0	26
27	7.1	2.8	4.2	1.2	3.2	2.0	7.4	7.5	8.1	8.2	8.2	8.0	27
28	7.1	2.8	3.9	1.1	3.2	2.7	7.4	8.0	8.1	8.2	8.2	8.0	28
29	6.1	2.8	3.8	1.1	3.1	4.4	7.4	8.0	8.1	8.2	8.2	8.0	29
30	5.1	2.8	4.0	1.1	3.1	5.1	7.4	8.0	8.1	8.2	8.2	8.0	30
31	5.1	2.8	2.2	1.1	3.1	5.1	7.4	8.0	8.1	8.2	8.1	8.0	31
MEAN	7.1	6.2	4.2	3.1	3.2	5.1	7.4	8.0	8.1	8.4	8.2	8.1	MEAN
MAX.	0	2.8	2.2	.8	1.0	1.1	5.1	1.0	7.8	8.0	7.9	8.0	MAX.
AC. FT.	290	243	218	95	105	198	391	343	480	503	498	478	AC. FT.

Total Acre-Feet 3842

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		LEMONCOVE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8.0	8.1	3.0	1.0	.9	1.0	1.1	1.1	7.9	8.0	8.0	7.8	1
2	8.0	8.1	4.3	.9	.9	1.0	1.1	1.1	7.9	8.1	8.0	7.7	2
3	8.0	8.1	5.0	1.0	.9	1.1	1.1	1.1	8.0	8.1	8.0	7.8	3
4	8.0	8.1	5.0	1.0	.9	1.1	1.1	1.1	7.9	8.1	8.0	7.8	4
5	8.0	6.8	5.0	1.0	1.0	1.1	1.1	1.2	7.9	8.1	8.0	4.1	5
6	8.0	6.0	5.0	1.0	.9	1.1	1.1	1.2	8.0	8.1	8.0	1.1	6
7	8.0	6.0	5.0	1.0	.8	1.1	1.1	1.2	8.0	8.1	8.0	1.0	7
8	8.0	6.0	5.1	1.0	.9	1.1	1.1	1.2	8.0	8.1	8.0	1.0	8
9	8.0	6.0	5.1	1.0	1.0	1.1	1.1	1.2	8.0	8.1	8.0	1.0	9
10	8.0	4.8	5.1	1.0	1.0	1.1	1.1	1.2	8.0	8.1	8.0	1.0	10
11	8.0	4.1	5.1	1.0	1.0	1.1	1.1	1.4	8.0	8.1	8.0	1.0	11
12	8.0	4.1	5.1	1.0	1.0	1.1	1.1	1.9	8.0	8.1	8.0	1.0	12
13	8.1	3.1	5.1	1.0	1.0	1.1	1.1	2.0	8.0	8.1	8.0	1.0	13
14	8.1	4.0	5.1	1.0	1.0	1.1	1.1	2.0	8.0	8.1	8.0	1.0	14
15	8.1	4.0	2.3	1.0	1.0	1.1	1.1	3.4	8.0	8.1	8.0	1.0	15
16	8.1	4.0	1.0	1.0	1.0	1.1	1.1	6.2	8.0	8.1	8.0	1.0	16
17	8.1	4.0	1.0	1.0	1.0	1.1	1.1	6.2	8.0	8.1	8.0	2.9	17
18	8.1	4.0	1.0	1.0	1.0	1.1	1.0	6.2	8.0	8.1	8.0	4.2	18
19	8.1	4.0	1.0	1.0	1.0	1.1	1.0	6.0	8.0	8.1	8.0	4.2	19
20	8.1	4.0	1.0	1.0	1.0	1.0	1.0	6.0	8.0	8.1	8.0	4.2	20
21	8.0	4.0	.9	.8	1.0	1.2	1.1	6.0	8.0	8.1	8.0	4.2	21
22	8.0	4.0	1.0	.8	1.0	1.1	1.1	7.3	8.0	8.1	8.0	4.2	22
23	8.0	2.6	1.1	.8	1.0	1.1	1.1	8.1	8.0	8.0	8.0	4.2	23
24	8.0	2.0	1.1	.8	1.0	1.1	1.1	8.1	8.0	8.0	8.0	4.2	24
25	8.0	2.0	1.1	.8	1.0	1.1	1.1	8.1	8.0	8.0	8.0	4.2	25
26	8.0	2.0	1.1	.9	1.0	1.1	1.1	8.0	8.0	8.0	8.0	4.2	26
27	8.0	2.0	1.1	.9	1.0	1.1	1.1	8.0	8.0	7.9	8.0	5.9	27
28	8.1	2.4	1.1	.9	1.0	1.1	1.1	8.0	8.0	7.8	8.0	5.9	28
29	8.1	3.0	1.1	.9	1.0	1.1	1.1	8.0	8.0	7.9	8.0	6.6	29
30	8.1	3.0	1.0	.9	1.0	1.1	1.1	8.0	8.0	8.0	8.0	7.0	30
31	8.1	3.0	1.0	.9	1.0	1.1	1.1	8.0	8.0	8.0	8.0	7.0	31
MEAN	8.1	8.1	5.1	1.0	1.0	1.2	1.1	8.1	8.0	8.1	8.0	7.8	MEAN
MAX.	8.0	2.0	.9	.8	.8	1.0	1.0	1.1	7.9	7.8	8.0	1.0	MAX.
AC. FT.	494	268	172	58	54	67	65	275	475	495	492	224	AC. FT.

Total Acre-Feet 3139

Table A-7 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		LEMONCOVE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7	7.1	1.9	1	.9	.8	.8	9.1	8	8	7.9	8.2	1
2	7.1	7.1	1.8	1	.9	.8	.9	8.1	8	8	8	8.2	2
3	7.1	7.1	1.8	1	.9	.8	.9	8.1	8	8	8	8.2	3
4	7.1	7.1	1.9	1	.9	.8	.9	8.1	8	8	8	8.2	4
5	7.1	7.1	2.1	1	.9	.8	1	8.1	8	8	8	8.2	5
6	7.1	5.6	2.1	1	.9	.8	1	8.1	8	8	8	8.2	6
7	7.1	5	2.1	1	.9	.8	1	8.1	8	8	8	8.2	7
8	7.1	5	2.1	1	.9	.8	1.1	8.1	8	8	8	8.2	8
9	7	5	2.1	1	.9	.8	1.4	8.1	8	8	8	8.2	9
10	7	5	2.1	1	.9	.8	2	8.1	8	8	8	8.2	10
11	7	5	2.1	1	.9	.8	2	8.1	8	8	8	8.2	11
12	7	5	2.1	.9	.9	.8	2	8.1	8	8	8	8.2	12
13	7	5	2.1	.9	.9	.8	2	8.1	8	8	8	8.2	13
14	7	5	2.1	.9	.4	.8	2	8.1	8	8	7.9	8.2	14
15	7	4.1	2.1	.9	0	.8	2	8.1	8	8	8	8.2	15
16	7	2.7	2.1	.9	0	.8	2.8	8.1	8	8	8	8.2	16
17	7	2.9	2.1	.9	0	.8	4	8.1	8	8	8	8.2	17
18	7	2.9	2.1	.9	0	.8	4	8	8	8	8	8.2	18
19	7	2.9	2.1	.8	0	.8	4	8	8	8	8	8.2	19
20	7	2.9	2.1	.8	0	.8	4	8	8	8	8	8.2	20
21	7	2.9	2.1	1	0	.8	4	8	8	7.9	8.1	8.2	21
22	7	2.9	1.5	.9	0	.8	4	8	7.9	7.8	8.1	8.2	22
23	7	2.9	1	1	0	.9	4	8	7.9	7.7	8.1	8.2	23
24	6.9	2.9	1	1	0	.9	4	8	8	7.8	8.1	8.2	24
25	6.9	2.9	1	1	0	.9	4	8	8	8	8.1	8.2	25
26	7.1	2.9	1	1	.7	.9	4	8	8	8	8.1	8.2	26
27	7.1	2.4	1	1	1	.8	4	8	8	8	8.1	8.2	27
28	7.1	2	1	1	.9	.8	4	8	8	7.9	8.1	8.2	28
29	7.1	2	1	1	1	.8	4	8	8	7.9	8.1	8.2	29
30	7.1	2	1	1	1	.8	5.9	8	8	8	8.1	8.2	30
31	7.1	2	1	1	1	.8		8		7.8	8.2		31
MEAN													MEAN
MAX.	7.1	7.1	2.1	1	1	.9	5.9	8.1	8	8	8.2	8.2	MAX.
MIN.	6.9	2	1	.8	0	.8	.8	8	7.9	7.7	7.9	8.2	MIN.
AC. FT.	433	249	106	59	29	50	162	495	476	490	494	488	AC. FT.

Total Acre-Feet 3531

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		LEMONCOVE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.8	5.1	3.1	2.9	1.4	1.4	0	6.3	6.3	6.8	8.0	8.0	1
2	7.1	5.1	3	2.9	1.4	1.4	.6	6.3	6.3	6.8	8	8	2
3	7.1	4.8	3.1	2.9	1.4	1.4	.9	6.3	6.3	6.8	8	8	3
4	7.1	4.7	3.2	2.9	1.4	1.4	4.5	6.3	6.3	6.8	8	8	4
5	7.1	3.6	3.2	2.9	1.4	1.4	7.0	6.3	6.3	6.8	8	8.2	5
6	7.1	3	3.2	2.9	1.4	1.4	6.9	6.3	6.3	6.8	8	8.2	6
7	7.1	3.1	3.1	2.9	1.4	1.4	3.4	6.3	6.3	6.8	8	8.2	7
8	7.1	3.1	2.6	2.9	1.4	1.3	1	6.3	6.3	6.8	8	8.2	8
9	7.1	3	2.6	2.7	1.4	1.3	1.7	6.3	6.3	6.8	8	7.5	9
10	7	3	2.6	1	1.5	1.3	3	6.3	6.3	6.8	8	7	10
11	7.1	3	2.7	.1	1.5	1.3	3	6.3	6.3	6.8	8	7	11
12	7.1	3	2.7	.1	1.5	1.3	2.8	6.3	6.3	6.8	8	7	12
13	7.1	2.9	2.8	0	1.5	1.3	2.8	6.3	6	6.8	8	7	13
14	7.1	2.8	2.5	.8	1.5	1.3	2.9	6.3	6	6.8	8	7	14
15	7.2	2.6	2.5	1.6	1.5	1.3	2.9	6.3	6	6.8	8.1	7	15
16	7.3	2.7	2.6	1.6	1.5	1.3	3	6.3	6	6.8	8	7	16
17	7.4	2.9	4.9	1.6	1.5	1.3	4	6.3	6	6.8	8	7	17
18	7.4	2.8	6	1.5	1.5	1.3	6.1	6.3	6	6.8	8	7.1	18
19	7	2.8	6	1.5	1.5	1.3	6.2	6.3	6	6.9	8	7.1	19
20	7	2.7	6	1.5	1.5	1.3	6.2	6.3	6	6.9	8	7.1	20
21	7	2.7	5	1.5	1.5	1.3	6.2	6.3	6	6.9	8	7.1	21
22	7	2.7	3	1.5	1.5	1.2	6.2	6.3	6	6.9	8.1	7.1	22
23	7.1	2.7	2.8	1.5	1.5	1.3	6.2	6.3	6.5	6.9	8.1	7.1	23
24	7.1	2.7	3	1.4	1.5	1.3	6.2	6.3	6.8	6.9	8.1	7.1	24
25	7.1	2.7	3	1.4	1.5	1.3	6.2	6.3	6.8	6.9	8.1	7	25
26	7.1	2.7	3	1.4	1.5	1.3	6.4	6.3	6.8	6.9	8.1	7	26
27	7.1	2.7	3	1.4	1.5	1.3	6.4	6.3	6.8	6.9	8.1	7	27
28	7.1	2.3	3	1.4	1.5	1.3	6.4	6.3	6.8	6.9	8.1	7	28
29	7.1	2.6	3	1.4	1.5	1.3	6.4	6.3	6.8	6.9	8.1	7	29
30	5.7	3.2	2.9	1.4	1.4	1.3	6.3	6.3	6.8	7.5	8	7	30
31	5.1		2.9	1.4		.7		6.3		7.5	8		31
MEAN													MEAN
MAX.	7.8	5.1	6	2.9	1.5	1.4	7	6.3	6.8	7.5	8.1	8.2	MAX.
MIN.	5.1	2.3	2.5	0	1.4	.7	0	6.3	6	6.8	8	7	MIN.
AC. FT.	432	186	204	105	84	80	261	387	376	423	494	436	AC. FT.

Total Acre-Feet 3468

Table A-8

FOOTHILL DITCH

Location: Latitude 36°24'48", longitude 119°00'47", in the NW 1/4, Section 35, T17S, R27E, MDB&M, Tulare County, 0.5 mile below head of ditch.

Point of Diversion: In the SE 1/4, Section 26, T17S, R27E, MDB&M, 3 miles above McKay Point on the south bank of the Kaweah River.

Maximum Diversion Capacity: 20 cfs.

Operating Agency: Foothill Ditch Company.

Gross Service Area: 2,150 acres.

Period of Record: 1917 to current year; intermittent during 1917, 1918, 1920, 1924, 1925, and 1926; no record for 1919.

Gage: Weir installed July 29, 1917; Parshall flume April 1, 1936. Water-stage recorder in operation since 1936.

Remarks: Includes water data shown in Table A-9.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		FOOTHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	10.2	0	5.6	10.8	5.0	0	7.3	8.1	10.0	10.4	10.4	9.6	1
2	10.2	0	0	10.8	1.0	0	7.3	8.7	9.9	10.4	10.6	9.8	2
3	10.2	0	0	10.8	0	0	7.3	8.9	9.4	10.4	10.7	7.8	3
4	10.2	0	0	10.8	0	0	7.7	9.0	9.5	10.5	10.8	8.3	4
5	10.5	0	0	3.6	0	0	8.7	9.5	9.6	10.6	10.7	7.8	5
6	10.6	0	0	10.8	0	0	9.1	10.0	9.6	10.6	10.6	7.5	6
7	10.4	0	0	5.1	0	0	9.3	10.0	9.5	10.5	10.2	7.3	7
8	10.0	0	0	0	0	0	9.7	10.0	9.5	10.4	10.1	6.9	8
9	10.0	0	0	0	0	0	10.4	10.5	9.5	10.4	10.0	6.8	9
10	10.0	0	0	0	0	0	10.4	10.5	9.5	10.4	8.7	6.6	10
11	3.0	0	0	0	0.0	0	10.4	10.4	9.5	10.3	8.2	5.9	11
12	0	0	0	0	0.0	0	9.5	10.4	9.5	10.2	9.2	6.1	12
13	0	0	0	0	0.0	0	8.5	10.4	9.6	9.8	10.0	6.6	13
14	2.4	0	6.1	0	1.2	0	7.5	10.4	7.4	9.7	10.0	6.6	14
15	5.4	0	10.8	0	1.2	0	6.4	10.4	10.5	9.5	10.0	6.4	15
16	6.3	0	10.8	0	1.8	0	6.1	10.4	10.8	10.0	9.8	6.4	16
17	6.4	0	10.8	0	1.0	0	5.9	10.8	9.2	10.0	9.7	6.4	17
18	6.4	5.5	10.8	5.4	0	0	4.4	10.9	8.7	10.0	9.7	6.3	18
19	6.4	5.8	9.2	6.4	0	0	4.7	10.8	8.7	10.2	9.7	6.6	19
20	6.4	5.7	7.7	7.7	0	0	5.3	10.8	8.7	10.4	9.6	6.8	20
21	6.0	5.5	7.7	7.7	0	0	5.3	10.4	8.5	10.4	9.6	7.2	21
22	5.9	5.5	7.7	7.7	0	0	5.3	10.0	8.9	10.3	9.7	6.6	22
23	6.2	5.5	9.1	9.1	0	0	5.3	10.0	9.6	10.2	9.7	6.2	23
24	6.2	5.7	11.0	11.0	0	0	5.3	10.0	10.2	10.0	9.7	7.0	24
25	6.2	5.7	11.0	11.0	0	0	5.3	10.0	10.0	9.1	9.7	7.3	25
26	6.2	5.7	10.6	10.9	0	0	5.3	9.8	9.7	9.3	9.7	7.2	26
27	6.2	5.7	10.6	10.6	0	0	5.5	7.2	10.3	9.3	9.6	7.3	27
28	6.2	1.5	10.6	10.6	0	0	6.2	6.2	10.3	10.0	9.5	7.3	28
29	6.2	7.3	10.6	10.6	0	6.8	8.1	8.7	10.3	10.4	10.2	4.8	29
30	2.9	11.3	10.6	10.6	0	7.2	8.1	10.0	10.4	10.2	8.3	0	30
31	0	0	10.6	10.6	0	7.3	8.1	10.2	10.4	10.4	9.1	0	31
MEAN	10.6	11.3	10.8	11.0	5.0	7.3	10.4	10.9	10.8	10.6	10.8	9.8	MEAN
MAX.	0	0	0	0	0	0	4.4	6.2	7.4	9.3	8.2	0	MAX.
MIN.	403	152	163	382	22	42	444	602	569	623	601	404	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4407

Table A-8 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		FOOTHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	5.0	3.5	1.6	0	5.5	6.4	7.9	8.8	9.1	9.1	7.2	1
2	0	4.5	3.5	1.4	0	4.7	6.4	8.1	8.8	9.5	9.1	8.5	2
3	0	4.4	3.5	1.1	0	3.9	6.4	7.7	8.8	10.0	8.7	8.5	3
4	0	4.4	3.5	0	0	3.6	6.4	7.8	8.9	9.7	8.5	9.1	4
5	0	4.3	3.5	0	0	3.2	8.3	7.6	8.9	8.3	8.5	8.0	5
6	0	4.3	3.5	0	0	3.1	7.7	5.5	8.9	7.7	8.5	8.1	6
7	0	4.2	3.8	0	0	3.9	7.0	4.1	8.9	8.1	8.5	8.6	7
8	0	4.1	4.2	0	0	4.5	7.0	3.5	8.8	9.5	8.5	8.2	8
9	0	3.9	4.2	0	0	4.0	7.0	3.3	8.6	9.7	9.5	6.3	9
10	0	5.0	4.2	0	0	4.1	7.0	3.4	7.5	9.7	10.4	5.9	10
11	4.5	5.5	4.2	0	0	4.2	8.1	2.8	6.8	9.8	10.8	6.2	11
12	5.9	5.5	4.2	0	0	4.3	9.0	2.8	6.8	10.0	10.6	7.2	12
13	5.9	5.5	4.3	0	0	4.4	9.3	1.9	8.8	9.8	10.6	7.0	13
14	5.9	2.3	4.5	0	0	4.4	9.1	1.4	9.2	9.8	10.3	6.8	14
15	5.9	2.5	4.7	0	0	4.2	8.9	1.1	9.1	9.8	10.0	5.7	15
16	5.9	4.7	4.7	0	0	2.9	6.8	2.9	9.1	10.0	9.9	4.1	16
17	5.9	5.4	4.7	0	0	1.5	6.8	3.2	9.1	10.0	9.7	6.1	17
18	7.2	5.7	4.7	0	0	2.5	7.5	3.8	8.0	10.0	9.7	6.1	18
19	7.5	5.7	4.7	0	0	3.1	7.8	4.0	7.7	9.7	9.7	5.8	19
20	7.5	5.7	4.7	0	3.5	3.1	7.5	3.9	9.1	9.3	9.3	3.6	20
21	8.0	5.7	4.8	0	5.5	3.3	7.5	3.9	9.3	9.3	8.7	3.6	21
22	8.3	5.7	4.7	0	5.4	4.2	7.5	3.9	9.1	9.1	8.6	5.7	22
23	8.3	5.7	4.5	0	5.4	4.5	7.8	5.7	9.1	9.1	8.7	7.7	23
24	7.3	5.7	4.4	0	5.4	4.5	7.9	6.8	9.1	9.1	8.6	7.7	24
25	5.9	4.9	4.4	0	4.6	4.5	9.5	7.2	9.1	9.1	8.4	7.7	25
26	4.6	4.1	4.5	0	4.4	4.4	10.1	7.2	9.1	9.1	8.5	6.7	26
27	4.4	4.1	5.4	0	5.0	4.8	10.0	6.7	9.3	9.1	8.7	6.6	27
28	4.2	4.1	5.9	0	6.0	6.2	8.6	6.4	9.1	9.1	8.9	7.3	28
29	4.2	4.2	5.9	0		6.9	7.9	6.4	9.3	9.1	9.1	8.1	29
30	4.7	3.8	5.9	0		6.7	7.9	6.7	9.5	9.1	8.5	5.8	30
31	5.2		3.5	0		6.5		8.2		9.1	9.2		31
MEAN													MEAN
MAX.	8.3	5.7	5.9	1.6	6.0	6.9	10.1	8.2	9.5	10.0	10.0	9.1	MAX.
MIN.	0	2.3	3.5	0	0	1.5	6.4	1.1	6.8	7.7	8.4	3.6	MIN.
AC. FT.	252	279	271	8	90	261	466	309	521	575	566	399	AC. FT.

Total Acre-Feet 3993

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		FOOTHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.3	4.4	0					0	8.5	5.5	9.5	9.5	1
2	2.1	3.9	0					0	8.5	6.6	9.5	9.5	2
3	2.2	3.3	0					0	8.5	7.2	9.5	9.5	3
4	3.8	2.8	0					0	7.9	7.3	9.5	9.1	4
5	3.8	1.0	0					0	7.9	7.3	9.5	2.3	5
6	3.8	.5	0					0	7.9	7.5	9.5	0	6
7	3.8	.5	0					0	8.1	7.5	9.5	0	7
8	3.8	.5	2.0					0	8.5	7.5	9.7	0	8
9	3.8	.5	2.3					0	8.5	7.5	9.3	0	9
10	3.8	.5	4.3					0	8.7	7.5	9.1	0	10
11	3.8	1.7	4.4					0	5.7	7.7	9.1	0	11
12	4.0	2.4	8.9	N	N	N	N	0	8.7	7.7	9.3	0	12
13	4.1	3.3	8.5	O	O	O	O	0	8.7	7.7	9.5	0	13
14	4.1	3.5	8.3					0	8.7	7.7	9.5	0	14
15	4.1	4.0	7.0					1.2	8.1	7.7	9.5	0	15
16	4.1	4.7	6.2	F	F	F	F	2.4	6.6	7.7	9.5	0	16
17	8.1	4.7	1.4	L	L	L	L	2.4	6.2	8.3	9.7	5.2	17
18	9.7	3.6	0	O	O	O	O	5.2	7.5	8.7	9.5	5.2	18
19	9.6	3.2	0	W	W	W	W	6.8	8.7	8.7	9.3	6.4	19
20	9.3	3.6	0					6.8	9.1	9.1	9.3	6.6	20
21	8.0	4.6	0					7.5	9.1	9.3	9.3	7.3	21
22	8.8	2.7	0					8.9	9.1	8.9	9.3	8.1	22
23	5.4	0	0					9.1	8.5	8.7	9.3	8.1	23
24	4.0	0	0					10.6	8.1	8.9	9.3	8.1	24
25	6.4	0	0					11.3	7.9	8.9	8.5	7.9	25
26	8.5	0	0					11.0	7.9	8.5	8.5	7.9	26
27	8.2	0	0					9.3	7.7	7.9	8.3	7.9	27
28	7.2	0	0					8.7	6.2	8.3	8.9	7.9	28
29	5.7	0	0					8.5	5.5	8.5	9.1	7.9	29
30	5.7	0	0					8.5	5.5	8.5	9.1	7.9	30
31	5.1		0					8.5		8.9	9.7		31
MEAN													MEAN
MAX.	9.7	4.7	8.9					11.3	9.1	9.3	9.7	9.5	MAX.
MIN.	2.1	0	0					0	5.5	5.5	8.3	0	MIN.
AC. FT.	331	119	106					251	475	491	571	282	AC. FT.

Total Acre-Feet 2626

Table A-8 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		FOOTHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.7	7.7					0	7.9	8.7	9.1	9.3	10	1
2	7.7	7.9					0	7.8	8.7	9.1	9.3	9.3	2
3	7.7	7.9					0	7.5	10.6	9.1	9.3	9.1	3
4	7.7	7.9					16	7.7	12.6	9.1	9.3	8.8	4
5	7.7	7.9					15	7.5	12.6	9.1	9.3	9.2	5
6	7.7	7.9					15	7.4	10.6	9.1	9.3	9.2	6
7	7.7	7.9					16	7.3	8.9	9.1	9.2	9.3	7
8	7.7	7.9					10.6	8.7	9.1	9.1	9.1	9.3	8
9	7.7	7.9					7.2	8.7	9.1	9.1	8.9	9.3	9
10	7.7	6.1					8.5	8.7	9.1	9.1	8.5	9.2	10
11	7.7	1.4					8.7	8.7	9.2	9.1	8.3	9.1	11
12	7.7	0	H	N	N	N	9.3	8.7	9.3	9.1	8.3	9.1	12
13	7.7	0	O	O	O	O	6.3	8.7	9.3	9.1	8.5	9.2	13
14	7.7	0					4.2	8.7	9.3	9.1	9.7	9.5	14
15	7.9	0					4.1	8.7	9.3	9.3	10.5	10	15
16	7.9	0	F	F	F	F	6.6	8.7	9.2	9.3	9.3	10	16
17	7.5	0	L	L	L	L	5.4	8.7	8.5	9.3	8.4	10.2	17
18	7	0	O	O	O	O	4.5	8.7	7.9	9.3	8.1	10	18
19	6.8	0	W	W	W	W	4.5	8.7	7.5	9.3	7.8	9.5	19
20	6.6	0					5.7	8.7	7.5	9.3	9.5	9.4	20
21	6.6	0					7.5	8.7	7.5	9.3	9.3	9.5	21
22	6.6	0					7.7	8.7	8.5	9.3	9.3	9.5	22
23	7.9	0					7.9	8.7	9.1	9.3	9.3	9.5	23
24	9.1	0					8.1	8.7	9.1	9.3	9.3	9.5	24
25	8.3	0					8.7	8.7	9.1	9.3	9.3	9.3	25
26	7.9	0					9.1	8.7	9.1	9.3	9.3	9.5	26
27	7.7	0					8.2	8.7	9.1	9.3	9.3	9.6	27
28	7.7	0					7.9	8.7	9.1	9.3	9.5	9.6	28
29	7.7	0					7.9	8.7	9.1	9.3	9.3	9.7	29
30	7.7	0					7.9	8.7	9.1	9.3	8.7	9.7	30
31	7.7	0					8.7	8.7	9.1	9.3	8.5	9.7	31
MEAN	9.1	7.9					16	8.7	12.6	9.3	10.5	10.2	MEAN
MAX.	9.1	7.9					16	8.7	12.6	9.3	10.5	10.2	MAX.
MIN.	6.6	0					0	7.3	7.5	9.1	7.8	8.8	MIN.
AC. FT.	469	156					453	519	547	566	557	564	AC. FT.

Total Acre-Feet 3831

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		FOOTHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	5.7	6.6					0	4.7	1.5	8.9	9.7	9.4	1
2	7	6.6					0	4.1	6.2	8.9	9.5	9.3	2
3	7.6	3.7					0	4.1	9.3	8.9	9.5	9.2	3
4	7.2	3					0	4.1	8.7	8.9	10	9.2	4
5	7.2	3.2					0	4.1	9	9.1	10.2	9.2	5
6	7.2	2.7					0	5.2	8.5	9.1	10.2	9.2	6
7	7.2	3.1					0	5.7	7.5	9.3	10.2	9.3	7
8	7	3.3					0	5.9	7.5	9.5	10.2	9.2	8
9	7	3.2					0	6.8	7.5	9.5	10.1	8.9	9
10	7	3.2					2.4	7.2	7.5	9.5	10.1	8.9	10
11	7	2.8					3.8	7.2	8.5	9.5	10.1	9.2	11
12	7	0	N	N	N	N	3.5	7.2	8.9	9.3	9.8	9.5	12
13	7	0	O	O	O	O	3.8	7.2	8.9	9.1	10	9.9	13
14	7	0					1	7.3	8.9	9.3	10	8.8	14
15	8.3	0					2.2	6.4	8.9	9.1	10	8.1	15
16	9.1	0	F	F	F	F	4.4	5.7	7.7	9.1	9.8	8.1	16
17	8.9	0	L	L	L	L	6.1	5.5	7.3	9	9.7	8	17
18	8.9	0	O	O	O	O	7.5	5.4	8.1	9	9.5	7.9	18
19	9.1	0	W	W	W	W	7.7	5.3	9	9	9.3	7.9	19
20	9.1	0					9.1	6.4	9	9.3	9.3	7.8	20
21	9.1	0					9.7	7.3	9	9.7	9.3	7.8	21
22	9.1	0					9.7	7.3	9.3	9.7	9.5	8.3	22
23	9.3	0					9.5	7.3	8.5	6.6	9.5	8.9	23
24	9.3	0					8.9	7.3	8.1	8.5	9.3	9	24
25	9.6	0					8.7	7.2	8.7	9.7	9.3	7.7	25
26	10	0					8.3	7.2	9	9.7	9.5	9.3	26
27	9.8	0					8.1	8.1	9	9.7	9.6	9.6	27
28	9.8	0					8.1	8.5	9	9.7	9.6	9.7	28
29	7.9	0					6.4	7.9	9	9.7	9.6	7.7	29
30	6.6	0					5.4	7.2	9	9.7	9.5	7.2	30
31	6.6	0					2.8	2.8	9	9.7	9.5	7.2	31
MEAN	10	6.6					9.7	8.5	9.3	9.7	10.2	9.9	MEAN
MAX.	10	6.6					9.7	8.5	9.3	9.7	10.2	9.9	MAX.
MIN.	5.7	0					0	2.8	1.5	6.6	9.3	7.2	MIN.
AC. FT.	493	82					266	384	490	567	598	520	AC. FT.

Total Acre-Feet 3400

Table A-9

FOOTHILL DITCH WATER TRANSFERRED TO TULARE COUNTY

Point of Diversion: None; this was a transfer of water in storage at Lake Kaweah.

WUTCHUMNA DITCH

Location: In the SE 1/4, Section 34, T17S, R27E, M08&M, Tulare County, 0.3 mile below head of ditch.

Point of Diversion: SE 1/4, Section 34, T17S, R27E, M08&M, on north bank of Kaweah River above McKay Point.

Maximum Diversion Capacity: 300 cfs.

Operating Agency: Wutchumna Ditch Company.

Gross Service Area: 10,500 acres, exclusive of areas included in Lindsay-Strathmore and Tulare Irrigation Districts.

Period of Record: 1917 to current year; record intermittent from January 12, 1917 to February 16, 1920.

Gage: 1917 to 1954, rated concrete control structure, checked frequently by current meter measurements; February 1954 to date, 12-foot Parshall flume.

Remarks: Table A-10a, "Wutchumna Ditch for Hawkeye Ditch". Table A-10b, "Wutchumna Ditch for Transfer".

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		FOOTHILL DITCH WATER TRANSFERRED TO TULARE COUNTY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1							0	3.5					1
2							0	1.5					2
3							0	0					3
4							0	0					4
5							0	0					5
6							0	0					6
7							0	0					7
8							0	0					8
9							0	0					9
10							0	0					10
11							0	0					11
12	N	N	N	N	N	N	0	0	N	N	N	N	12
13	O	O	O	O	O	O	.5	0	O	O	O	O	13
14							1.0	0					14
15							3.0	0					15
16	F	F	F	F	F	F	4.5	0	F	F	F	F	16
17	L	L	L	L	L	L	4.5	0	L	L	L	L	17
18	O	O	O	O	O	O	4.5	0	O	O	O	O	18
19	W	W	W	W	W	W	4.5	0	W	W	W	W	19
20							4.0	0					20
21							4.0	0					21
22							4.0	0					22
23							4.0	0					23
24							4.0	0					24
25							4.0	0					25
26							4.0	0					26
27							3.6	0					27
28							3.6	0					28
29							3.6	0					29
30							3.6	0					30
31							0	0					31
MEAN							4.5	3.5					MEAN
MAX.							0	0					MAX.
MIN.							129	10					MIN.
AC. FT.													AC. FT.

Total Acre-Feet 139

Table A-9 (Cont'd)

WATER YEAR	STATION NO.	STATION NAME
1977		FOOTHILL DITCH WATER TRANSFERRED TO TULARE COUNTY

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	4.0	5.1	3.0									1
2	0	4.0	5.1	3.0									2
3	0	4.0	5.1	3.0									3
4	0	4.0	5.1	6.5									4
5	0	4.0	5.1	9.6									5
6	6.0	4.0	5.5	9.6									6
7	9.1	4.0	6.0	9.6									7
8	9.1	4.5	6.0	9.6									8
9	9.1	5.1	6.0	9.6									9
10	9.1	5.1	6.0	9.6									10
11	5.0	5.1	6.0	9.6									11
12	2.6	5.1	6.0	9.6	M	M	N	N	N	N	N	N	12
13	3.0	5.1	5.5	9.6	O	O	O	O	O	O	O	O	13
14	3.0	5.1	5.1	9.6									14
15	3.0	6.0	5.1	9.6									15
16	3.0	5.5	5.1	9.6	F	F	F	F	F	F	F	F	16
17	3.0	5.1	5.1	9.6	L	L	L	L	L	L	L	L	17
18	2.6	5.1	5.1	9.6	O	O	O	O	O	O	O	O	18
19	2.0	5.1	5.1	9.6	W	W	W	W	W	W	W	W	19
20	2.0	5.1	4.5	9.6									20
21	2.0	5.1	4.0	9.6									21
22	2.0	4.5	4.0	9.6									22
23	2.0	4.0	4.0	3.5									23
24	2.0	4.0	4.0	0									24
25	2.6	4.0	4.0	0									25
26	3.6	4.0	4.0	0									26
27	4.0	4.0	3.5	0									27
28	4.0	4.0	3.0	0									28
29	4.0	4.5	3.0	0									29
30	4.0	5.1	3.0	0									30
31	4.0		3.0	0									31
MEAN	9.1	6.0	6.0	9.6									MEAN
MAX.	0	4.0	3.0	0									MAX.
MIN.													MIN.
AC. FT.	210	274	292	380									AC. FT.

Total Acre-Feet 1156

Table A-10

WUTCHUMNA DITCH

Location: In the SE 1/4, Section 34, T17S, R27E, MUB&M, Tulare County, 0.3 mile below head of ditch.

Point of Diversion: SE 1/4, Section 34, T17S, R27E, MUB&M, on north bank of Kaweah River above McKay Point.

Maximum Diversion Capacity: 300 cfs.

Operating Agency: Wutchumna Ditch Company.

Gross Service Area: 10,500 acres, exclusive of areas included in Lindsay-Strathmore and Tulare Irrigation Districts.

Period of Record: 1917 to current year; record intermittent from January 12, 1917 to February 16, 1920.

Gage: 1917 to 1954, rated concrete control structure, checked frequently by current meter measurements; February 1954 to date, 12-foot Parshall flume.

Remarks: Table A-10a, "Wutchumna Ditch for Hawkeye Ditch". Table A-10b, "Wutchumna Ditch for Transfer".

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8	41	20	16	9	36	38	106	44	8	13	1	1
2	8	41	21	16	9	66	40	128	42	8	17	0	2
3	8	33	22	17	9	82	41	153	40	8	16	0	3
4	8	26	28	17	9	58	43	166	37	8	15	0	4
5	9	26	34	17	12	38	42	167	37	8	12	0	5
6	8	25	34	16	16	35	41	168	31	8	10	0	6
7	13	24	34	15	21	34	40	171	28	10	9	10	7
8	19	25	28	15	23	33	36	138	28	11	9	18	8
9	21	25	23	14	21	33	40	113	25	10	9	17	9
10	17	22	22	14	25	32	42	140	22	9	9	17	10
11	17	20	21	14	32	34	42	155	22	9	8	13	11
12	15	20	21	13	29	34	45	155	23	8	8	12	12
13	33	19	21	14	23	33	45	163	26	8	8	33	13
14	50	18	21	16	23	33	46	166	24	9	10	51	14
15	51	18	20	17	23	34	47	166	22	8	16	55	15
16	50	18	19	15	23	39	43	166	20	8	11	56	16
17	47	17	19	14	20	44	44	164	19	9	9	56	17
18	42	16	19	14	20	48	43	164	18	10	8	56	18
19	42	15	19	14	20	51	41	163	18	10	8	56	19
20	34	14	19	14	23	51	42	129	17	10	8	52	20
21	25	13	19	14	26	51	48	106	16	9	15	24	21
22	18	13	17	12	26	44	65	95	14	9	22	14	22
23	17	13	17	11	24	42	99	90	13	10	13	14	23
24	17	12	18	11	21	46	115	74	12	11	8	13	24
25	17	12	18	11	20	44	117	64	10	11	11	11	25
26	17	9	18	11	19	43	131	62	10	8	9	11	26
27	19	9	17	11	19	47	131	61	10	8	6	10	27
28	32	16	17	10	19	49	94	59	10	9	8	10	28
29	41	20	17	9	20	43	68	58	99	10	11	9	29
30	41	20	17	9	35	73	54	54	8	17	8	12	30
31	41		16	9	34		49			15	5		31
MEAN													MEAN
MAX.	51	41	34	17	32	82	131	171	44	17	22	56	MAX.
MIN.	8	9	16	9	9	32	36	49	8	8	5	0	MIN.
AC. FT.	1557	1190	1301	833	1162	2630	3535	7563	1299	583	653	1252	AC. FT.

Total Acre-Feet 23558

Table A-10 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	22	9	8	9	9	15	12	45	76	104	113	34	1
2	28	10	8	9	9	14	12	44	80	106	112	32	2
3	28	10	8	13	9	13	12	41	81	106	112	31	3
4	37	10	8	21	18	12	12	39	82	106	108	31	4
5	51	10	8	18	22	11	15	35	82	106	108	30	5
6	56	8	8	13	17	11	19	33	78	106	102	29	6
7	43	7	8	10	15	11	29	31	74	106	103	29	7
8	22	9	8	9	11	11	41	29	80	118	106	29	8
9	18	8	8	9	10	11	51	30	83	128	108	29	9
10	18	8	8	8	9	13	55	31	81	128	106	29	10
11	16	8	8	8	8	13	39	32	83	120	100	29	11
12	14	8	7	8	5	13	33	35	85	111	103	29	12
13	13	8	8	8	5	13	38	37	85	109	106	67	13
14	12	8	8	9	9	13	40	34	86	110	106	152	14
15	11	8	8	9	8	13	40	34	86	110	103	173	15
16	10	9	8	9	8	12	47	34	95	107	104	136	16
17	11	9	8	9	8	14	53	41	99	107	100	12	17
18	10	9	9	9	9	14	63	44	103	110	65	6	18
19	9	9	9	9	9	12	73	35	103	111	51	3	19
20	9	9	8	9	9	11	70	37	106	108	35	3	20
21	9	10	9	9	11	11	52	47	83	107	35	3	21
22	9	9	9	10	13	12	43	53	65	107	34	3	22
23	9	8	9	10	23	15	40	67	64	106	34	1	23
24	9	8	9	10	25	16	39	78	65	107	35	0	24
25	10	8	8	10	19	18	42	78	66	103	40	0	25
26	10	8	8	10	19	20	42	77	64	103	42	0	26
27	11	8	9	10	18	20	44	68	76	107	40	0	27
28	9	9	8	10	17	18	45	60	86	110	40	0	28
29	9	9	9	10	16	16	45	60	101	106	39	0	29
30	9	9	9	10	16	16	45	60	104	102	38	0	30
31	8	9	9	9	14	14	68	68	108	108	36	0	31
MEAN													MEAN
MAX.	56	10	9	21	25	20	73	78	106	128	113	173	MAX.
MIN.	8	7	7	8	5	11	12	29	64	102	31	0	MIN.
AC. FT.	1071	516	510	623	698	845	2362	2850	4963	6710	4689	1825	AC. FT.

Total Acre-Feet 27,662

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	6	20	114	53	51	96	107	285	263	158	24	1
2	0	5	20	115	50	35	108	107	285	262	156	24	2
3	0	6	20	84	47	25	107	107	286	251	153	24	3
4	0	9	20	53	44	8	105	108	286	238	147	25	4
5	0	12	21	43	44	5	105	109	288	234	137	102	5
6	0	13	22	45	56	4	93	109	295	238	131	233	6
7	7	16	20	58	118	3	79	109	288	240	105	206	7
8	16	24	8	68	167	3	82	109	288	244	80	236	8
9	16	20	12	53	216	16	82	109	299	239	66	172	9
10	16	20	9	74	148	45	82	110	309	239	58	106	10
11	15	20	9	180	51	54	83	185	309	240	57	71	11
12	9	20	8	120	89	53	83	301	309	226	55	67	12
13	7	20	8	59	84	65	84	306	309	213	45	60	13
14	6	19	8	56	53	77	93	324	310	214	55	54	14
15	5	17	9	74	55	77	102	330	310	219	49	55	15
16	6	16	15	153	53	77	102	331	309	217	42	58	16
17	3	14	19	238	52	77	101	337	305	210	42	58	17
18	0	8	20	261	52	77	102	337	302	202	40	52	18
19	0	7	45	253	52	77	102	337	302	191	37	46	19
20	0	7	78	208	51	77	102	339	301	184	37	40	20
21	0	13	77	175	51	74	103	342	301	180	36	37	21
22	0	18	66	174	51	71	102	340	301	180	34	36	22
23	0	17	43	183	67	73	102	337	302	181	30	34	23
24	8	16	44	119	78	76	102	337	301	180	26	34	24
25	9	17	37	68	78	77	103	336	301	176	25	31	25
26	6	19	32	63	78	77	103	293	295	179	25	29	26
27	7	21	71	61	78	78	104	283	286	193	25	26	27
28	5	22	155	58	58	88	104	283	273	187	26	26	28
29	6	15	207	56	100	105	105	283	260	166	26	26	29
30	6	20	210	61	100	106	106	285	259	158	23	26	30
31	6		160	58	101	101	101	285		160	23		31
MEAN													MEAN
MAX.	16	24	210	261	216	101	108	342	310	263	158	296	MAX.
MIN.	0	5	8	43	44	3	82	107	259	158	23	24	MIN.
AC. FT.	315	906	2961	6714	4114	3612	5806	15104	17562	12901	3862	4181	AC. FT.

Total Acre-Feet 78038

Table A-10 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	26	10	18	25	40	87	184	244	278	111	38	9	1
2	24	12	18	23	49	131	177	237	254	87	35	9	2
3	22	14	18	21	52	143	172	227	239	74	35	9	3
4	22	14	19	21	52	127	163	229	234	68	36	9	4
5	22	14	20	22	46	106	153	256	241	67	32	8	5
6	20	14	20	22	42	116	170	268	242	67	30	8	6
7	20	13	19	22	43	143	173	257	254	64	30	8	7
8	18	13	19	23	44	158	172	241	248	64	31	8	8
9	18	12	19	21	44	170	171	223	223	60	31	8	9
10	17	12	19	22	43	174	169	207	210	57	31	8	10
11	17	12	18	29	44	174	168	198	205	57	30	8	11
12	16	11	17	66	43	174	168	194	205	56	26	8	12
13	15	13	17	103	40	171	158	197	205	56	23	8	13
14	15	14	17	103	41	168	159	230	202	55	24	9	14
15	15	14	19	105	117	163	160	271	190	55	25	9	15
16	15	13	20	105	178	170	190	285	180	55	22	9	16
17	15	13	20	100	128	176	217	298	173	47	18	17	17
18	15	14	20	72	95	168	198	302	169	47	15	26	18
19	15	15	33	56	65	159	186	301	158	45	14	27	19
20	15	14	46	54	53	159	181	301	155	47	14	28	20
21	15	13	30	54	110	155	171	301	156	47	13	28	21
22	16	13	26	48	181	146	171	309	159	46	12	28	22
23	16	13	28	41	177	145	204	304	159	48	12	29	23
24	16	17	29	38	163	139	244	300	161	45	11	16	24
25	18	21	29	38	152	130	198	300	159	43	11	11	25
26	18	21	28	38	139	130	180	300	154	41	12	15	26
27	16	18	26	38	130	151	193	300	152	38	10	13	27
28	15	15	26	38	96	194	211	299	141	35	9	10	28
29	15	15	27	37	37	204	219	299	132	35	9	9	29
30	14	16	26	35	35	204	241	299	117	35	9	9	30
31	12	26	26	34	202	202	202	294	294	37	9	9	31
MEAN	26	21	46	105	181	204	244	309	278	111	38	29	MEAN
MAX.	12	10	17	21	40	87	153	194	117	35	9	8	MAX.
MIN.	1057	839	1422	2884	4774	9594	10939	16406	11415	3350	1303	795	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 64778

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9	26	19	24	177	101	191	273	216	300	168	38	1
2	10	27	19	34	177	102	190	270	219	301	168	36	2
3	10	27	19	50	177	102	184	267	216	301	166	35	3
4	10	28	16	38	177	100	180	266	216	245	164	37	4
5	9	30	15	26	176	84	181	288	217	217	158	37	5
6	10	27	15	26	168	60	206	300	217	217	155	31	6
7	9	27	15	29	159	41	203	301	217	217	143	26	7
8	9	30	15	31	159	40	186	302	216	217	127	25	8
9	14	32	15	27	159	42	187	301	275	217	110	25	9
10	20	32	16	74	159	42	193	301	302	217	100	27	10
11	21	29	15	141	155	41	198	301	302	217	73	26	11
12	18	29	15	196	154	40	205	300	304	217	68	24	12
13	17	28	14	223	154	47	207	301	304	217	70	24	13
14	17	22	12	210	154	104	221	301	307	214	67	17	14
15	17	19	10	185	167	147	236	301	309	210	62	13	15
16	20	18	10	176	189	147	244	235	304	210	57	16	16
17	20	18	10	174	198	128	254	220	299	213	55	34	17
18	20	18	11	176	198	116	263	223	300	217	55	50	18
19	21	24	11	174	199	116	280	219	301	216	49	47	19
20	22	26	9	174	214	116	288	253	302	208	48	47	20
21	22	20	9	171	141	117	292	299	302	200	47	47	21
22	29	18	11	175	103	117	283	299	304	198	47	47	22
23	37	18	11	179	102	147	257	299	302	202	44	46	23
24	35	18	11	177	100	184	231	298	299	202	42	51	24
25	37	18	11	174	98	196	223	233	302	201	41	29	25
26	37	19	24	174	98	193	228	199	302	198	42	17	26
27	37	19	29	174	100	194	233	208	301	196	41	14	27
28	37	23	26	173	100	188	251	219	301	190	41	14	28
29	26	26	19	173	100	185	276	217	301	188	41	14	29
30	28	21	19	176	185	185	273	216	301	183	39	12	30
31	29	21	21	176	189	189	216	216	172	38	38	12	31
MEAN	37	32	39	223	214	196	292	302	309	300	168	51	MEAN
MAX.	9	18	9	24	98	40	180	199	216	172	38	12	MAX.
MIN.	1303	1422	956	8152	8751	7162	13575	16316	16578	13325	5010	1797	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 94347

Table A-10a

WATER YEAR	STATION NO.	STATION NAME
1976		WUTCHUMMA DITCH FOR HAWKEYE DITCH

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	This water was natural flow of Hawkeye Ditch diverted through Wutchumma headgate for use by Antelope Heights Mutual Water Company.											3.7	1
2												6.0	2
3												6.0	3
4												6.0	4
5	Is not included in Table A-10.											6.0	5
6												6.0	6
7												2.3	7
8												0	8
9												0	9
10												0	10
11												0	11
12	N	N	N	N	N	N	N	N	N	N	N	0	12
13	O	O	O	O	O	O	O	O	O	O	O	0	13
14												0	14
15												0	15
16	F	F	F	F	F	F	F	F	F	F	F	0	16
17	L	L	L	L	L	L	L	L	L	L	L	0	17
18	O	O	O	O	O	O	O	O	O	O	O	0	18
19	W	W	W	W	W	W	W	W	W	W	W	0	19
20												0	20
21												0	21
22												0	22
23												0	23
24												0	24
25												0	25
26												0	26
27												0	27
28												0	28
29												0	29
30												0	30
31												0	31
MEAN													MEAN
MAX.													MAX.
MIN.												6.0	MIN.
AC. FT.												71	AC. FT.

Total Acre-Feet 71

Table A-10b

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		WITCHUNGUA DITCH FOR TRANSFER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Included in Table A-10.									95	95	26	1
2										96	95	26	2
3										95	95	26	3
4										96	95	26	4
5										96	95	26	5
6										96	95	26	6
7										96	95	26	7
8										109	95	26	8
9										117	95	26	9
10										117	95	26	10
11										103	95	26	11
12	N	N	N	N	N	N	N	N		95	95	26	12
12	O	O	O	O	O	O	O	O		95	95	76	13
14										95	95	119	14
15										95	95	166	15
16	F	F	F	F	F	F	F	F		95	95	104	16
17	L	L	L	L	L	L	L	L		95	89	0	17
18	O	O	O	O	O	O	O	O		95	48	0	18
19	W	W	W	W	W	W	W	W	0	95	26	0	19
20									22	95	26	0	20
21									38	95	26	0	21
22									43	95	26	0	22
23									43	95	26	0	23
24									43	95	26	0	24
25									45	95	26	0	25
26									47	95	26	0	26
27									58	95	26	0	27
28									68	95	26	0	28
29									85	95	26	0	29
30									94	95	26	0	30
31										95	26	0	31
MEAN									94	117	95	166	MEAN
MAX.									0	95	26	26	MAX.
MIN.									1162	5982	3957	1601	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 12702

Table A-II

KAWEAH RIVER AT MCKAY POINT TOTAL FLOW

Location: SW 1/4, Section 4, T18S, R27E, M08&M, at point of bifurcation of Kaweah River into St. Johns and Lower Kaweah Rivers.

Operating Agency: Kaweah and St. Johns Rivers Association.

Period of Record: 1916 to December 23, 1955 and from September 30, 1958 to current year.

Gage: A broad-crested weir consisting of two sections, each 113.6 feet in length, with the same crest elevations, one section crossing the head of each branch; a water-stage recorder above the weir on the south bank of the river; a cableway and car 100 yards upstream; and a controlled bypass structure at the south end of the Kaweah River weir section. The crest of the weir section crossing St. Johns River is equipped with flashboards to make possible the diversion of the entire low flow into the Lower Kaweah River. An accurate relationship has been established between water levels at the recorder and flows over each of the weir sections. Since 1940, a radio stream gage has been in continuous operation.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		KAWEAH RIVER AT MCKAY POINT TOTAL FLOW

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	10	99	75	68	131	49	15	29	20	585	327	20	1
2	10	99	110	68	137	55	17	40	18	586	277	19	2
3	10	139	140	68	145	59	17	43	15	587	231	15	3
4	11	197	166	68	148	45	19	44	12	584	233	15	4
5	9	199	168	68	140	36	22	52	85	592	236	15	5
6	9	200	159	75	114	45	20	52	164	601	233	16	6
7	11	200	159	88	69	44	23	48	203	610	223	12	7
8	13	200	149	101	57	44	24	43	261	609	213	13	8
9	15	198	128	120	65	41	22	52	505	582	210	15	9
10	24	159	119	128	59	40	23	46	705	582	212	17	10
11	34	113	119	128	14	45	22	44	702	584	210	17	11
12	31	113	119	124	21	49	21	38	666	592	214	18	12
13	36	109	118	116	27	49	25	40	653	581	216	18	13
14	49	110	116	111	29	48	33	42	628	586	218	15	14
15	33	110	110	109	28	47	38	41	615	508	216	16	15
16	41	110	113	107	28	41	39	42	636	448	220	18	16
17	97	108	113	104	28	43	43	42	623	436	216	18	17
18	94	106	112	97	36	49	35	41	615	441	216	18	18
19	95	106	108	91	54	48	28	39	613	444	216	18	19
20	92	104	106	97	53	44	24	41	611	444	216	18	20
21	96	88	108	121	51	47	20	41	609	458	208	20	21
22	93	58	108	143	49	45	19	38	604	464	203	18	22
23	93	66	89	144	46	41	29	31	606	440	205	17	23
24	84	66	84	144	30	47	35	38	607	413	205	16	24
25	84	66	84	143	30	53	27	35	597	404	190	16	25
26	84	66	84	144	23	59	26	35	594	304	158	17	26
27	84	66	83	142	32	59	28	31	604	313	72	18	27
28	82	66	81	148	33	54	20	30	609	323	21	17	28
29	88	54	81	148	31	43	15	27	595	332	18	21	29
30	95	50	74	131	15	15	21	21	579	332	20	28	30
31	99		67	130	15	15		22		330	21		31
MEAN													MEAN
MAX.	99	200	168	148	148	59	43	52	705	610	327	28	MAX.
MIN.	9	50	67	68	14	15	15	21	12	304	18	12	MIN.
AC. FT.	3384	6793	6843	6891	3388	2775	1488	2396	28471	29941	11651	1029	AC. FT.

Total Acre-Feet 105050

Table A-11 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		KAWEAH RIVER AT MCKAY POINT TOTAL FLOW

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	33	343	39	50	54	18	27	33	18	332	325	46	1
2	35	330	39	55	46	20	31	30	19	337	302	52	2
3	28	304	38	49	46	26	28	24	20	339	256	55	3
4	23	285	34	51	18	27	28	16	22	336	229	56	4
5	18	247	34	69	0	21	27	17	23	331	236	55	5
6	16	85	33	59	0	26	27	22	17	334	239	45	6
7	16	46	34	68	0	31	21	22	9	333	211	31	7
8	14	54	33	61	0	32	22	31	5	336	239	30	8
9	16	45	31	61	0	36	29	36	16	341	232	34	9
10	16	42	30	59	0	30	42	21	17	341	230	44	10
11	16	35	28	44	0	30	46	18	25	337	227	42	11
12	14	40	28	42	0	30	31	25	24	326	212	40	12
13	14	41	26	45	0	28	24	20	24	315	222	37	13
14	15	44	21	44	0	28	27	24	27	314	230	25	14
15	15	52	21	41	19	33	35	20	33	326	232	11	15
16	15	53	21	40	31	33	27	21	36	332	232	10	16
17	15	55	21	41	22	39	30	12	33	338	238	12	17
18	15	55	20	44	19	33	38	10	30	341	248	15	18
19	15	54	20	66	16	22	36	19	30	352	252	21	19
20	21	47	19	66	14	22	31	21	69	358	80	17	20
21	60	48	17	66	24	21	31	27	175	362	10	11	21
22	171	48	20	67	16	27	33	29	171	365	9	10	22
23	175	41	19	67	12	41	30	26	165	361	6	13	23
24	186	40	17	67	23	33	30	19	187	357	6	20	24
25	277	40	17	61	23	31	30	23	204	334	8	18	25
26	359	40	17	60	18	28	37	21	214	333	9	21	26
27	370	41	21	58	15	31	39	22	263	330	12	28	27
28	376	41	22	56	17	33	33	16	293	333	20	27	28
29	366	41	37	54		30	29	15	308	334	40	28	29
30	361	37	36	54		22	31	14	330	339	37	28	30
31	359		47	54		24		14		336	38		31
MEAN													MEAN
MAX.	376	343	39	69	54	41	46	36	330	365	325	56	MAX.
MIN.	14	35	17	40	0	18	21	10	5	314	6	10	MIN.
AC. FT.	6803	5304	1666	3409	859	1758	1845	1325	5567	20793	9713	1749	AC. FT.

Total Acre-Feet 60791

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		KAWEAH RIVER AT MCKAY POINT TOTAL FLOW

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	31	0	0	1133	315	1082	856	2094	2450	1207	1777	924	1
2	34	0	0	1087	317	1082	965	2276	2455	1056	1835	780	2
3	33	0	0	599	301	1062	1140	2272	2465	1051	1969	693	3
4	29	0	0	293	288	1590	1296	2315	2440	1120	1988	685	4
5	27	0	0	277	291	879	1356	2364	2452	1280	1887	618	5
6	26	0	0	284	384	732	1387	2373	2423	1482	1780	485	6
7	25	0	0	275	548	996	1175	2310	2423	1629	1808	424	7
8	24	0	0	265	671	1101	1116	2353	2466	1727	1894	411	8
9	26	0	0	272	1868	1196	1125	2387	2712	1726	1256	409	9
10	28	0	0	397	1647	1280	1190	2449	2875	1775	1966	406	10
11	28	0	3	476	546	1376	1246	2541	2875	1884	1954	414	11
12	29	0	4	543	428	1364	1303	2700	2880	1960	1891	418	12
13	31	0	7	399	822	1287	1347	2771	2885	1991	1819	381	13
14	27	0	8	318	679	1269	1393	2794	2930	1980	1739	331	14
15	29	0	8	496	848	1325	1457	2828	3000	1911	1691	305	15
16	27	0	6	571	1016	1362	1653	2866	2935	1835	1622	272	16
17	27	0	2	1483	1135	1332	1496	2895	2760	1911	1418	249	17
18	29	5	2	1496	1177	1269	1501	2900	2685	2019	1254	243	18
19	33	8	0	1322	1184	1262	1510	2906	2685	2109	1110	249	19
20	28	8	0	1154	1187	1211	1584	2889	2628	2167	876	269	20
21	14	6	0	1058	1188	1112	1673	2878	2519	2149	732	261	21
22	10	0	0	1024	1242	857	1677	2772	2437	2048	741	251	22
23	9	0	0	638	1340	807	1673	2580	2431	1995	789	248	23
24	10	0	6	423	1379	923	1741	2585	2441	2052	826	235	24
25	0	0	2	399	1369	1029	1860	2558	2451	2149	758	223	25
26	0	0	0	356	1357	1088	1879	2472	2340	2201	560	235	26
27	0	0	86	334	1231	1154	1909	2469	2115	2200	493	276	27
28	0	0	571	326	1126	1283	1935	2465	1878	2170	613	296	28
29	0	0	901	325		1386	1971	2467	1714	1982	764	296	29
30	0	0	1185	320		1390	2016	2477	1458	1826	878	296	30
31	0	0	1130	315		1255		2455		1800	936		31
MEAN													MEAN
MAX.	34	8	1185	1496	1379	1590	2016	2906	3000	2201	1988	924	MAX.
MIN.	0	0	0	265	291	807	856	2094	1458	1051	493	223	MIN.
AC. FT.	1218	54	7777	37008	51341	72083	88127	157631	149175	111853	83949	22975	AC. FT.

Total Acre-Feet 783171

Table A-11 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		KAWEAH RIVER AT MCKAY POINT, TOTAL FLOW

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	296	27	99	163	259	375	4	491	1915	1224	1434	31	1
2	296	27	104	137	399	257	4	491	1620	1243	1451	29	2
3	308	27	104	137	486	212	4	491	1211	1183	1445	32	3
4	307	27	94	135	481	213	4	491	1081	1136	1347	31	4
5	303	27	93	135	476	173	8	491	1171	1385	1318	30	5
6	284	27	93	137	383	139	13	491	1367	1472	1343	29	6
7	240	26	93	137	462	128	25	492	1592	1445	1297	29	7
8	172	26	94	137	276	119	53	540	1586	1472	1116	29	8
9	172	26	94	140	118	116	65	592	1526	1443	863	32	9
10	206	26	94	150	81	110	105	699	1460	1482	569	32	10
11	218	26	94	159	155	105	103	771	1483	1582	557	29	11
12	238	26	100	150	246	105	125	776	1633	1556	557	28	12
13	241	27	101	143	243	105	195	782	1775	1526	542	27	13
14	241	38	109	143	338	105	258	788	1817	1542	639	26	14
15	241	37	115	467	338	113	244	797	1802	1542	628	24	15
16	241	36	116	811	267	137	248	804	1633	1563	308	25	16
17	238	35	116	748	286	103	357	855	1547	1560	86	16	17
18	238	34	123	677	288	138	441	912	1493	1591	55	17	18
19	238	34	195	572	272	123	483	910	1398	1609	41	15	19
20	238	33	246	496	274	118	529	922	1345	1635	35	15	20
21	238	33	253	491	307	148	562	935	1305	1657	32	15	21
22	363	37	226	330	277	93	562	1046	1296	1673	33	14	22
23	600	39	191	234	243	43	540	1458	1294	1677	35	13	23
24	648	36	189	211	209	42	631	1634	1293	1685	35	15	24
25	316	32	189	209	219	41	676	1649	1169	1623	34	15	25
26	43	31	189	223	239	43	566	1690	1086	1591	35	13	26
27	27	34	190	212	243	95	567	1715	1073	1597	36	6	27
28	27	57	190	211	288	150	539	1953	1120	1485	36	14	28
29	27	111	190	210	59	59	491	2080	1186	1472	34	18	29
30	27	101	190	210	20	20	486	2040	1204	1383	33	20	30
31	27		190	226	4	4		1967		1392	36		31
MEAN													MEAN
MAX.	648	111	253	811	486	375	676	2080	1915	1685	1451	32	MAX.
MIN.	27	26	93	135	81	4	4	491	1073	1136	32	6	MIN.
AC. FT.	14478	2188	8854	16941	16171	7403	17629	62982	84261	92086	31756	1327	AC. FT.

Total Acre-Feet 356076

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		KAWEAH RIVER AT MCKAY POINT, TOTAL FLOW

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	18	2	125	147	1427	2780	1213	1468	245	2509	1892	1351	1
2	16	2	126	201	1427	2689	1263	1387	276	2486	1663	1128	2
3	13	3	126	276	1420	2727	858	1306	316	2194	1519	987	3
4	14	5	107	265	1428	2430	1090	1323	322	1987	1539	956	4
5	14	5	90	278	1420	2170	1034	1372	540	1889	1583	984	5
6	18	6	90	276	1463	2302	1051	1428	993	1827	1599	1010	6
7	21	9	90	275	1489	2278	912	1493	1391	1892	1607	1065	7
8	19	8	93	283	1503	2203	729	1562	1607	1869	1596	1088	8
9	16	8	93	289	1528	2165	847	1595	1664	1822	1352	911	9
10	17	5	80	379	1547	2044	1022	1596	1880	1782	1214	831	10
11	17	6	75	538	1600	1808	1120	1573	2136	1777	1355	1001	11
12	16	6	73	930	1629	1488	1206	1558	2237	1798	1439	1282	12
13	18	12	73	939	1637	1206	1206	1558	2441	1782	1465	1360	13
14	20	28	73	1459	1722	1328	1216	1536	2618	1805	1554	1343	14
15	21	78	68	1977	1553	1339	1234	1508	2780	1801	1603	1311	15
16	17	69	69	2458	1440	1332	1346	1229	2884	1885	1409	1266	16
17	12	63	68	2832	1303	1353	1443	1068	2711	1945	1141	759	17
18	14	62	68	2888	1084	1339	1689	1080	2239	1925	891	378	18
19	14	56	67	2826	1579	1339	2015	1082	1897	1901	855	347	19
20	16	58	67	2777	3373	1332	2164	1160	1781	1899	832	331	20
21	22	61	70	2489	4913	1331	2155	1487	2015	1865	804	330	21
22	14	61	78	2217	4697	1509	2125	1672	2372	1791	771	315	22
23	13	61	78	2103	4349	1500	1924	1586	2531	1782	756	189	23
24	17	61	80	1944	3894	1589	1253	1248	2294	1789	756	109	24
25	36	61	85	1748	3477	1773	834	718	2240	1810	797	87	25
26	62	93	85	1731	3127	1637	784	350	2294	1867	1041	28	26
27	60	148	81	1731	2981	1440	777	246	2314	1861	1479	50	27
28	60	146	123	1597	2959	1282	1129	236	2324	1826	1639	53	28
29	47	131	141	1367	2948	1181	760	241	2469	1772	1604	96	29
30	14	120	142	1353		1181	1228	242	2585	1868	1566	109	30
31	3		141	1392		1194		244		1979	1488		31
MEAN													MEAN
MAX.	62	148	142	2888	4913	2780	2164	1672	2884	2509	1892	1360	MAX.
MIN.	3	2	67	147	1084	1181	729	236	245	1772	756	28	MIN.
AC. FT.	1347	2841	5603	83237	128763	105659	74633	71707	111861	116996	80944	41763	AC. FT.

Total Acre-Feet 825354

Table A-12

LOWER KAWEAH RIVER BELOW MCKAY POINT

Location: SE 1/4, Section 4, T18S, R27E, MDB&M, Tulare County, at point below the bifurcation of Kaweah River into St. Johns and Lower Kaweah Rivers.

Operating Agency: Kaweah and St. Johns Rivers Association.

Period of Record: 1916 to December 23, 1955 and from September 30, 1958 to current year. In 1964, a Trenton-type artificial control was constructed downstream on each branch of the Kaweah River below the bifurcation, and a water-stage recorder was installed for obtaining continuous flow records.

Gage: A broad-crested weir consisting of two sections, each 113.6 feet in length, with the same crest elevations, one section crossing the head of each branch; a water-stage recorder above the weir on the south bank of the river; a cableway and car 100 yards upstream; and a controlled bypass structure at the south end of the Kaweah River weir section. The crest of the weir section crossing St. Johns River is equipped with flashboards to make possible the diversion of the entire low flow into the Lower Kaweah River. An accurate relationship has been established between water levels at the recorder and flows over each of the weir sections. Since 1940, a radio stream gage has been in continuous operation.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		LOWER KAWEAH RIVER BELOW MCKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	10	87	75	68	90	49	8	10	10	328	318	13	1
2	10	87	110	68	97	50	8	14	9	325	270	13	2
3	10	90	140	68	103	48	8	17	8	328	224	9	3
4	11	95	102	68	102	36	8	17	6	325	226	9	4
5	9	95	168	68	97	26	9	24	78	333	229	9	5
6	9	94	159	50	66	32	8	24	157	342	226	9	6
7	11	94	159	48	37	31	9	22	195	354	217	8	7
8	13	94	149	52	31	31	10	18	249	350	207	8	8
9	15	94	128	61	35	29	9	23	290	323	203	9	9
10	24	95	119	64	29	28	9	16	300	323	205	10	10
11	34	81	119	64	6	32	8	13	305	325	203	10	11
12	31	81	119	63	8	35	8	10	308	333	207	10	12
13	24	78	118	61	11	35	8	10	305	325	209	10	13
14	26	79	116	59	12	34	10	10	300	325	211	9	14
15	13	79	110	57	11	33	16	10	320	328	209	9	15
16	27	78	113	55	11	29	18	10	336	325	213	10	16
17	84	95	113	54	11	30	23	10	330	313	209	10	17
18	81	106	112	50	19	35	18	10	325	315	209	10	18
19	82	106	108	47	34	34	12	10	325	318	209	10	19
20	79	104	106	52	34	31	10	10	323	315	209	10	20
21	84	88	108	74	32	34	8	10	323	325	201	11	21
22	81	58	108	99	31	32	8	10	323	328	195	10	22
23	81	66	89	102	29	29	10	10	325	305	197	10	23
24	74	66	84	102	16	35	19	10	330	280	197	9	24
25	74	66	84	101	16	40	14	10	328	285	183	9	25
26	74	66	84	102	17	45	13	10	325	295	151	9	26
27	74	66	83	100	32	45	15	10	325	305	64	9	27
28	72	66	81	106	33	42	8	10	325	315	14	9	28
29	78	54	81	106	31	34	6	10	328	320	11	10	29
30	84	50	74	90	9	9	8	9	325	322	13	10	30
31	87		67	90	8	8		10	322	322	14	10	31
MEAN	87	106	168	106	103	50	23	24	336	333	318	13	MEAN
MAX.	9	50	67	47	6	8	6	9	6	280	11	8	MAX.
MIN.	2908	4875	6843	4461	2144	2065	647	787	15344	19746	11213	577	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 71610

Table A-12 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		LOWER KAWEAH RIVER BELOW McKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	11	307	16	24	29	12	17	11	2	320	302	26	1
2	10	294	16	25	26	14	18	8	3	326	285	29	2
3	10	270	15	23	26	18	15	5	4	329	240	30	3
4	10	253	14	30	12	18	14	4	5	326	213	30	4
5	9	216	14	49	0	16	14	4	5	320	220	30	5
6	9	47	13	38	0	13	14	6	5	320	227	24	6
7	9	22	14	34	0	12	12	6	4	320	227	15	7
8	8	26	13	31	0	12	12	10	4	320	227	15	8
9	9	21	12	31	0	12	12	12	14	320	216	18	9
10	9	21	12	29	0	11	16	7	15	320	218	25	10
11	9	15	12	25	0	11	17	5	21	317	216	23	11
12	8	19	12	25	0	11	15	8	20	308	204	22	12
13	8	19	10	26	0	11	13	5	19	308	213	19	13
14	9	21	9	26	0	11	14	7	21	314	220	11	14
15	9	26	9	25	1	11	16	5	21	326	222	7	15
16	9	30	9	24	7	9	13	6	23	332	222	8	16
17	9	30	9	25	14	9	14	2	20	338	227	9	17
18	9	30	9	22	13	0	15	2	17	335	236	10	18
19	9	29	9	34	11	0	15	4	16	338	238	15	19
20	9	24	9	34	12	0	14	5	55	344	72	15	20
21	32	25	8	36	15	2	14	4	157	347	8	9	21
22	115	25	9	40	11	10	14	4	155	350	7	8	22
23	119	18	9	40	9	22	14	3	151	347	6	6	23
24	127	19	8	40	14	19	13	3	173	343	6	7	24
25	214	19	8	31	16	19	14	6	191	320	8	6	25
26	19	8	32	11	18	18	7	204	320	9	7	26	
27	301	19	10	30	9	16	19	8	253	317	12	10	27
28	310	19	10	29	12	14	14	7	280	320	14	10	28
29	318	20	24	28	16	9	9	5	295	320	23	10	29
30	322	16	17	28	15	10	10	2	317	323	21	10	30
31	321	23	23	28	15	15	2	2	320	320	21	10	31
MEAN													MEAN
MAX.	322	307	24	49	29	22	19	12	317	350	302	30	MAX.
MIN.	8	15	8	22	0	0	9	2	2	308	6	6	MIN.
AC. FT.	5260	3806	734	1868	492	748	851	343	4899	20049	9084	920	AC. FT.

Total Acre-Feet 49054

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		LOWER KAWEAH BELOW McKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	11	0	0	570	176	563	436	932	1230	782	1000	675	1
2	13	0	0	548	178	563	478	949	1235	653	1024	517	2
3	12	0	0	326	174	556	539	945	1195	600	1081	439	3
4	11	0	0	171	168	683	605	955	1215	594	1091	445	4
5	10	0	0	165	170	421	619	993	1210	694	1034	399	5
6	9	0	0	168	212	409	626	1002	1190	839	978	282	6
7	9	0	0	164	300	598	535	983	1190	860	1039	245	7
8	8	0	0	159	373	637	511	993	1200	830	1100	240	8
9	9	0	0	163	602	637	520	1060	1220	864	1120	238	9
10	11	0	0	214	690	612	578	1111	1215	947	1130	235	10
11	12	0	3	253	313	631	620	1126	1215	1039	1115	235	11
12	12	0	4	281	241	623	634	1230	1220	1063	1130	235	12
13	12	0	7	216	358	622	649	1290	1220	1058	1150	202	13
14	12	0	8	179	376	626	672	1280	1280	1028	1120	168	14
15	13	0	8	261	457	647	696	1255	1330	969	1058	157	15
16	12	0	6	421	496	654	783	1305	1330	911	996	145	16
17	13	0	2	651	549	654	719	1358	1320	978	978	141	17
18	14	5	2	616	570	640	723	1363	1315	1077	978	138	18
19	17	8	0	581	570	633	723	1357	1330	1130	911	138	19
20	14	8	0	560	573	631	779	1352	1320	1150	713	138	20
21	8	6	0	633	581	612	849	1341	1310	1160	594	127	21
22	6	0	0	612	542	487	853	1368	1305	1160	608	117	22
23	5	0	0	358	556	487	849	1385	1310	1150	630	114	23
24	5	0	0	225	619	542	841	1346	1320	1155	645	124	24
25	0	0	2	216	616	529	860	1363	1325	1160	591	130	25
26	0	0	0	195	612	515	849	1310	1315	1155	433	130	26
27	0	0	86	184	588	574	879	1285	1230	1145	382	138	27
28	0	0	300	182	570	626	905	1270	1160	1115	499	141	28
29	0	0	440	181	626	901	901	1250	1120	1058	581	141	29
30	0	0	570	179	630	905	905	1235	955	1024	647	141	30
31	0	0	560	176	598	598	905	1230	1015	1015	705	141	31
MEAN													MEAN
MAX.	17	8	570	651	902	654	905	1385	1330	1160	1150	675	MAX.
MIN.	0	0	0	159	168	409	436	932	955	594	382	114	MIN.
AC. FT.	516	54	3975	19454	24853	36211	41923	73830	74044	60209	53675	13319	AC. FT.

Total Acre-Feet 402063

Table A-12 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		LOWER KAWEAH RIVER BELOW MCKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY	
1	141	27	52	86	130	172	0	245	1070	461	873	19	1	
2	141	27	55	73	196	114	0	245	970	480	873	18	2	
3	145	27	55	73	240	90	0	245	690	510	887	20	3	
4	108	27	50	73	240	87	0	245	609	531	882	18	4	
5	84	27	49	73	235	114	5	245	668	787	860	16	5	
6	73	27	49	73	149	124	10	245	799	927	830	16	6	
7	92	26	49	73	245	114	20	240	942	936	813	16	7	
8	87	26	50	73	185	104	40	299	913	927	762	15	8	
9	87	26	50	73	81	98	41	351	913	909	634	16	9	
10	98	26	50	78	61	95	63	453	885	972	489	15	10	
11	104	26	50	84	101	92	59	519	870	1085	545	16	11	
12	127	26	51	78	127	92	76	519	909	1065	545	15	12	
13	130	27	52	76	124	92	87	519	1012	1035	531	15	13	
14	130	38	55	76	145	92	95	525	1069	1026	524	14	14	
15	130	37	58	240	149	108	108	534	1078	1026	419	13	15	
16	130	36	59	423	134	117	108	541	945	999	210	14	16	
17	127	35	58	411	136	90	164	560	882	990	61	5	17	
18	127	34	61	393	134	120	189	581	873	1045	40	6	18	
19	127	34	101	345	136	108	215	567	838	1075	30	15	19	
20	127	33	124	293	138	103	266	567	770	1095	25	15	20	
21	127	33	127	293	157	127	299	567	730	1105	23	15	21	
22	172	37	114	176	141	70	299	645	698	1115	24	14	22	
23	345	39	100	120	124	23	277	875	666	1125	24	13	23	
24	378	36	98	110	108	22	363	961	658	1145	23	15	24	
25	189	32	98	108	114	21	369	961	571	1095	22	15	25	
26	36	31	98	114	124	23	271	980	526	1075	23	13	26	
27	27	34	98	110	124	45	288	990	513	1075	24	6	27	
28	27	36	98	110	141	73	271	1100	500	981	25	14	28	
29	27	59	98	109	109	29	250	1110	461	981	23	15	29	
30	27	52	98	109	109	10	245	1100	441	873	22	15	30	
31	27		98	114		0		1090		864	22		31	
MEAN														MEAN
MAX.	378	59	127	423	245	172	369	1110	1078	1125	887	20	MAX.	
MIN.	27	26	49	73	61	0	0	240	441	461	22	5	MIN.	
AC. FT.	7333	1946	4568	9203	8170	5096	8882	36941	46551	58146	21993	857	AC. FT.	

Total Acre-Feet 209686

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		LOWER KAWEAH RIVER BELOW MCKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	10	2	65	74	675	1405	514	783	167	1250	1006	760	1
2	10	2	66	98	675	1405	527	730	174	1240	864	638	2
3	9	3	66	125	668	1416	527	708	177	1180	760	540	3
4	10	5	58	129	668	1290	433	715	180	1140	792	512	4
5	10	5	46	136	668	1300	391	715	302	1072	836	540	5
6	13	6	46	134	675	1270	397	708	506	1024	852	561	6
7	14	9	46	135	675	1210	367	745	678	1053	820	610	7
8	13	8	48	143	675	1180	345	775	760	1072	784	628	8
9	11	6	48	143	668	1160	427	775	775	1072	645	508	9
10	12	5	40	204	668	1260	521	783	918	1053	596	466	10
11	12	6	38	277	690	1260	536	783	1080	1076	690	596	11
12	11	6	38	350	705	978	577	775	1122	1091	728	792	12
13	12	12	38	233	713	644	577	768	1150	1096	736	848	13
14	13	14	38	355	735	640	591	760	1170	1130	800	840	14
15	14	35	35	584	647	633	605	760	1170	1120	856	816	15
16	12	31	35	743	612	633	610	629	1170	1150	744	804	16
17	9	29	35	782	535	647	629	550	1140	1180	617	394	17
18	10	28	35	814	451	640	840	558	1100	1170	422	148	18
19	10	27	34	798	822	626	1010	558	1100	1160	422	136	19
20	12	27	34	782	720	619	1060	588	1100	1170	399	128	20
21	14	30	35	758	1363	612	1060	738	1160	1140	382	127	21
22	10	30	39	743	1260	612	1030	850	1210	1090	371	117	22
23	10	30	39	750	1554	612	892	820	1220	1070	371	120	23
24	14	30	40	750	1636	647	610	660	1210	1060	371	103	24
25	34	30	43	743	1482	705	396	396	1240	1070	394	85	25
26	60	46	43	735	1427	668	340	202	1270	1090	526	28	26
27	58	75	42	735	1427	591	321	163	1290	1090	776	50	27
28	58	80	58	705	1416	514	321	157	1300	1060	888	53	28
29	45	73	70	675	1405	475	450	160	1330	997	876	88	29
30	14	62	70	661		475	708	163	1300	1006	856	104	30
31	3		70	668		488		167		1042	824		31
MEAN													MEAN
MAX.	60	80	70	814	1636	1416	1060	850	1330	1250	1006	848	MAX.
MIN.	3	2	34	74	451	475	321	157	167	997	371	28	MIN.
AC. FT.	1085	1492	2852	29677	52196	52791	34933	36976	56468	67863	41661	24080	AC. FT.

Total Acre-Feet 402074

Table A-13

ST. JOHNS RIVER BELOW MCKAY POINT

Location: SE 1/4, Section 4, T18S, R27E, M08&M, Tulare County, at point of bifurcation of Kaweah River into St. Johns and Lower Kaweah Rivers.

Operating Agency: Kaweah and St. Johns Rivers Association.

Period of Record: 1916 to current year. In 1964, a Trenton-type artificial control was constructed downstream on each branch of the Kaweah River below the bifurcation, and a water-stage recorder was installed for obtaining continuous flow records.

Gage: A broad-crested weir consisting of two sections, each 113.6 feet in length, with the same crest elevations, one section crossing the head of each branch; a water-stage recorder above the weir on the south bank of the river; a cableway and car 100 yards upstream; and a controlled bypass structure at the south end of the Kaweah River weir section. The crest of the weir section crossing St. Johns River is equipped with flashboards to make possible the diversion of the entire low flow into the Lower Kaweah River. An accurate relationship has been established between water levels at the recorder and flows over each of the weir sections. Since 1940, a radio stream gage has been in continuous operation.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		ST. JOHNS RIVER BELOW MCKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	12		0	41	0	7	19	10	257	9	7	1
2	0	12		0	40	5	9	26	9	261	7	6	2
3	0	49		0	42	11	9	26	7	259	7	6	3
4	0	102		0	46	9	11	27	6	259	7	6	4
5	0	104		0	43	10	13	28	7	259	7	6	5
6	0			25	48	13	12	28	7	259	7	7	6
7	0	106		40	32	13	14	26	8	256	6	4	7
8	0	106		49	26	13	14	25	12	259	6	5	8
9	0	104		59	30	12	13	29	215	259	7	6	9
10	0	64		64	30	12	14	30	405	259	7	7	10
11	0	32		64	8	13	14	31	397	259	7	7	11
12	0	32	N	61	13	14	13	28	358	259	7	8	12
13	12	31	O	55	16	14	17	30	348	256	7	8	13
14	23	31		52	17	14	23	32	328	261	7	6	14
15	20	31		52	17	14	22	31	295	180	7	7	15
16	14	32	F	52	17	12	21	32	300	123	7	8	16
17	13	13	L	50	17	13	20	32	293	123	7	8	17
18	13	0	O	47	17	14	17	31	290	126	7	8	18
19	13	0	W	44	20	14	16	29	288	126	7	8	19
20	13	0		45	19	13	14	31	288	129	7	8	20
21	12	0		47	19	13	12	31	286	133	7	9	21
22	12	0		44	18	13	11	28	281	136	8	8	22
23	12	0		42	17	12	19	21	281	135	8	7	23
24	10	0		42	14	12	16	28	277	133	8	7	24
25	10	0		42	14	13	13	25	269	119	7	7	25
26	10	0		42	6	14	13	25	269	9	7	8	26
27	10	0		42	0	14	13	21	279	8	8	9	27
28	10	0		42	0	12	12	20	284	8	7	8	28
29	10	0		42	0	9	9	17	267	12	7	11	29
30	11	0		41	0	6	13	12	254	10	7	18	30
31	12			40		7		12		8	7		31
MEAN													MEAN
MAX.	23	106		64	48	14	23	32	405	261	9	18	MAX.
MIN.	0	0		0	0	0	7	12	6	8	6	4	MIN.
AC. FT.	476	1918		2430	1244	710	841	1609	13127	10195	438	452	AC. FT.

Total Acre-Feet 33440

Table A-13 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		ST. JOHNS RIVER BELOW McKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	22	36	23	26	25	6	10	22	16	12	23	20	1
2	25	36	23	30	20	6	13	22	16	11	17	23	2
3	18	34	23	26	20	8	13	19	16	10	16	25	3
4	13	32	20	21	6	9	14	12	17	10	16	26	4
5	9	31	20	20	0	5	13	13	18	11	16	25	5
6	7	38	20	21	0	13	13	16	12	14	12	21	6
7	7	24	20	34	0	19	9	16	5	13	14	16	7
8	6	28	20	30	0	20	10	21	1	16	12	15	8
9	7	24	19	30	0	24	17	24	2	21	16	16	9
10	7	21	18	30	0	19	26	14	2	21	12	19	10
11	7	20	16	19	0	19	29	13	4	20	11	19	11
12	6	21	16	17	0	19	16	17	4	18	8	18	12
13	6	22	16	19	0	17	11	15	5	7	9	18	13
14	6	23	12	18	0	17	13	17	6	0	10	14	14
15	6	26	12	16	18	22	19	15	12	0	10	4	15
16	6	23	12	16	24	24	14	15	13	0	10	2	16
17	6	25	12	16	8	30	16	10	13	0	11	3	17
18	6	25	11	22	6	33	23	8	13	6	12	6	18
19	6	25	11	32	5	22	21	15	14	14	14	6	19
20	12	23	10	32	2	22	17	16	14	14	8	2	20
21	28	23	9	30	9	19	17	23	18	15	2	2	21
22	56	23	11	27	5	17	19	25	16	15	2	2	22
23	56	23	10	27	3	19	16	23	14	14	0	7	23
24	59	21	9	27	9	14	17	16	14	14	0	13	24
25	63	21	9	30	7	12	16	17	13	14	0	12	25
26	68	21	9	28	7	10	19	14	10	13	0	14	26
27	69	22	11	28	6	15	20	14	10	13	0	18	27
28	66	22	12	27	5	19	19	9	13	13	6	17	28
29	48	21	13	26	14	14	20	10	13	14	17	18	29
30	39	21	19	26	7	21	12	12	13	16	16	18	30
31	38	24	24	26	9	9	12	12	16	16	17	18	31
MEAN	69	38	24	34	25	33	29	25	18	21	23	26	MEAN
MAX.	6	20	9	16	0	5	9	8	1	0	0	2	MAX.
MIN.	1543	1498	932	1541	367	1010	994	982	668	744	629	829	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 11737

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		ST. JOHNS RIVER BELOW McKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	20		0	563	139	519	420	1162	1220	425	777	249	1
2	21		0	539	139	519	487	1327	1220	403	811	263	2
3	21		0	273	127	506	601	1327	1270	451	888	254	3
4	18		0	122	120	907	691	1360	1225	526	897	240	4
5	17		0	112	121	458	737	1371	1242	586	853	219	5
6	17		0	116	172	323	761	1371	1233	643	802	203	6
7	16		0	111	248	398	640	1327	1233	769	769	179	7
8	16		0	106	298	464	605	1360	1266	897	794	171	8
9	17		0	109	966	559	605	1327	1492	862	836	171	9
10	17		0	183	957	668	612	1338	1660	828	836	171	10
11	16		0	223	233	745	626	1415	1660	845	839	179	11
12	17	N	0	262	187	741	669	1470	1660	897	761	183	12
13	17	O	0	183	464	675	698	1481	1665	933	669	179	13
14	15		0	139	303	643	721	1514	1650	960	619	163	14
15	16		0	235	391	678	761	1573	1670	942	633	148	15
16	15	P	0	150	520	708	870	1561	1605	924	626	127	16
17	14	L	0	832	586	678	777	1537	1440	933	440	108	17
18	15	O	0	880	607	629	778	1537	1370	942	276	105	18
19	16	W	0	741	614	629	787	1549	1355	979	199	111	19
20	14		0	594	614	580	805	1537	1308	1017	163	131	20
21	6		0	425	607	500	824	1537	1209	989	138	134	21
22	4		0	412	700	370	824	1404	1132	888	133	134	22
23	4		0	280	784	320	824	1195	1121	845	159	134	23
24	5		0	198	760	381	900	1239	1121	897	181	111	24
25	0		0	183	753	500	1000	1195	1126	989	167	93	25
26	0		0	161	745	573	1030	1162	1025	1046	127	105	26
27	0		0	150	643	580	1030	1184	885	1055	111	138	27
28	0		271	144	556	657	1030	1195	718	1055	114	155	28
29	0		461	144	760	760	1070	1217	594	924	183	155	29
30	0		615	141	760	760	1111	1242	503	802	231	155	30
31	0		570	139	657	657		1225		785	231		31
MEAN	21		615	880	966	907	1111	1573	1670	1055	897	263	MEAN
MAX.	0		0	106	120	320	420	1162	503	403	111	93	MAX.
MIN.	702		3802	17554	26488	35872	46204	83781	75131	51644	30274	9656	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 381108

Table A-13 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		ST. JOHNS RIVER BELOW MCKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	155	0	47	77	129	203	4	246	845	763	561	12	1
2	155	0	49	64	203	143	4	246	650	763	578	11	2
3	163	0	49	64	246	122	4	246	521	673	558	12	3
4	199	0	44	62	241	126	4	246	472	605	465	13	4
5	219	0	44	62	241	59	3	246	503	598	458	14	5
6	211	0	44	64	234	15	3	246	568	545	513	13	6
7	148	0	44	64	217	14	5	252	650	509	484	13	7
8	85	0	44	64	91	15	13	241	673	545	354	14	8
9	108	0	44	67	37	18	24	241	613	534	229	16	9
10	111	0	44	72	20	15	42	246	575	510	80	17	10
11	114	0	44	75	54	13	44	252	613	497	12	13	11
12	111	0	49	72	119	13	49	257	724	491	12	13	12
13	111	0	49	67	119	13	108	263	763	491	11	12	12
14	111	0	54	67	193	13	163	263	748	516	115	12	14
15	111	0	57	227	189	15	136	263	724	516	209	11	15
16	111	0	57	388	133	20	140	263	688	564	98	11	16
17	111	0	58	337	150	13	193	295	665	570	25	11	17
18	111	0	62	284	154	18	252	331	620	546	15	11	18
19	111	0	94	227	136	15	268	343	560	534	11	0	19
20	111	0	122	203	136	15	263	355	575	540	10	0	20
21	111	0	126	198	150	21	263	368	575	552	9	0	21
22	191	0	112	154	136	23	263	401	598	558	9	0	22
23	255	0	91	114	119	20	263	583	628	552	11	0	23
24	270	0	91	101	101	20	268	673	635	540	12	0	24
25	127	0	91	101	105	20	307	688	598	528	12	0	25
26	7	0	91	109	115	20	295	710	560	516	12	0	26
27	0	0	92	102	119	40	279	725	560	522	12	0	27
28	0	21	92	101	147	77	268	853	620	504	11	0	28
29	0	52	92	101	101	30	241	970	725	491	11	3	29
30	0	49	92	101	101	10	241	940	763	510	11	5	30
31	0		92	112		4		877		528	14		31
MEAN	270	52	126	388	246	203	307	970	845	763	578	17	MEAN
MAX.	0	0	44	62	20	4	3	241	472	491	9	0	MAX.
MIN.	7145	242	4286	7738	8001	2307	8747	26041	37710	33940	9763	470	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 146390

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		ST. JOHNS RIVER BELOW MCKAY POINT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8	0	60	73	752	1375	699	685	78	1259	886	591	1
2	6	0	60	103	752	1284	736	657	102	1246	799	490	2
3	4	0	60	151	752	1311	331	598	139	1014	759	447	3
4	4	0	49	136	760	1140	657	608	142	847	747	444	4
5	4	0	44	142	752	870	643	657	238	817	747	444	5
6	5	0	44	142	788	1032	654	720	487	803	747	449	6
7	7	0	44	140	814	1068	545	748	713	839	787	455	7
8	6	0	45	140	828	1023	384	787	847	797	812	460	8
9	5	0	45	146	860	1005	420	820	889	750	707	403	9
10	5	0	40	175	879	784	501	813	962	729	618	365	10
11	5	0	37	261	910	548	584	790	1056	701	665	405	11
12	5	0	35	580	924	510	629	783	1115	707	711	490	12
13	6	0	35	706	924	562	629	790	1291	686	729	512	12
14	7	14	35	1104	987	688	625	776	1448	675	754	503	14
15	7	43	33	1393	906	706	629	748	1610	681	747	495	15
16	5	38	34	1715	828	699	736	600	1714	735	665	462	16
17	3	34	33	2050	768	706	814	518	1571	765	524	365	17
18	4	34	33	2074	633	699	849	522	1139	755	469	230	18
19	4	29	33	2028	757	713	1005	524	797	741	433	211	19
20	4	31	33	1995	2653	713	1104	572	681	729	433	203	20
21	8	31	35	1731	3550	719	1095	749	855	725	422	203	21
22	4	31	39	1474	3437	897	1095	822	1162	701	400	198	22
23	3	31	39	1353	2795	888	1032	766	1311	712	385	69	23
24	3	31	40	1194	2258	942	643	588	1084	729	385	6	24
25	2	31	42	1005	1995	1068	438	322	1000	740	403	2	25
26	2	47	42	996	1700	969	444	148	1024	777	515	0	26
27	2	73	39	996	1554	849	456	83	1024	771	703	0	27
28	2	66	65	892	1543	768	808	79	1024	766	751	0	28
29	2	58	71	692	1543	706	310	81	1139	775	728	8	29
30	0	58	72	692		706	520	79	1285	862	710	5	30
31			71	724		706		77		937	664		31
MEAN	8	73	71	2074	3550	1375	1095	822	1591	1259	886	591	MEAN
MAX.	0	0	33	73	752	510	310	77	78	675	385	0	MAX.
MIN.	262	1349	2751	53560	76567	52868	39700	34731	55393	49133	39283	17683	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 423280

APPENDIX B
CANAL DIVERSIONS AND
CENTRAL VALLEY PROJECT DELIVERIES

CANAL DIVERSIONS AND CENTRAL VALLEY PROJECT DELIVERIES

This appendix presents diversion data from the Lower Kaweah River, St. Johns River, and Central Valley Project deliveries to the various canal systems within the service area for the period October 1, 1975 to September 30, 1980. The data consist of mean daily diversions in cubic feet per second, maximum and minimum monthly discharge in cubic feet per second, monthly acre-feet, and total acre-feet for the year.

Criteria used in determining entitlements or amounts of water to be diverted are not presented in this report.

Data presented in this appendix were furnished in annual report form by the Kaweah and St. Johns Rivers Association and published as received, except that titles of some ditches or diversion points may vary from those published in some of the annual reports from which these data were compiled.

Table B-1

HAMILTON DITCH

Point of Diversion: 2.5 miles below McKay Point on south bank of Kaweah River in the NE 1/4, Section 7, T18S, R27E, M08&M, prior to 1945. In 1945, a pump was installed 3 miles below McKay Point on south bank of Kaweah River in southeast corner of Section 12, T18S, R26E, M08&M. In 1954, a ditch was constructed with head 1 mile below McKay Point on south bank of Kaweah River in SE 1/4, Section 12, T18S, R26E.

Location: 0.75 mile below head of ditch in the NW 1/4, Section 18, T18S, R27E, M08&M, prior to 1945. From 1945 to 1954 occasional measurements of pump were made. Since 1955, station located at head of ditch in SE 1/4, Section 12, T18S, R26E.

Gage: Rated channel and continuous water-stage recorder.

Operating Agency: Individual landowners.

Gross Service Area: 340 acres.

Period of Record: 1920-1930, inclusive; no record for 1923; 1961 to current year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		HAMILTON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9.9	9.2	3.5	3.6	4.2	4.3	7.2	7.8	0	8.9	8.0	7.8	1
2	9.3	9.1	3.5	3.6	4.2	4.7	7.5	7.5	0	8.8	8.0	7.6	2
3	10.0	9.0	3.5	3.6	4.1	8.1	2.6	8.4	0	4.4	7.9	7.4	3
4	10.0	9.1	3.5	3.6	4.1	7.9	1.0	8.5	0	0	7.9	7.8	4
5	9.6	9.1	3.5	3.6	4.2	7.5	5.1	8.6	3.8	5.1	7.9	7.1	5
6	9.5	9.1	3.5	3.9	4.3	6.0	7.7	9.0	7.7	8.4	7.9	7.3	6
7	11.1	9.1	3.5	3.6	4.2	4.3	7.7	9.2	7.8	8.1	7.9	6.5	7
8	10.7	9.1	3.5	3.8	4.1	3.4	8.0	8.7	7.6	8.2	7.9	6.0	8
9	10.1	9.1	3.7	3.8	4.1	7.8	7.9	8.9	7.6	8.1	7.9	6.7	9
10	9.8	9.1	3.7	4.1	4.1	7.8	8.7	9.2	7.6	8.1	7.8	8.2	10
11	10.4	9.1	3.7	4.3	3.7	7.7	8.7	7.9	7.3	8.1	7.8	8.8	11
12	11.1	9.1	3.7	4.3	3.7	7.8	8.5	8.0	8.0	8.4	7.8	8.3	12
13	10.9	9.0	3.7	3.8	3.8	1.6	9.0	8.2	8.6	8.0	7.9	8.5	13
14	11.3	7.8	3.7	3.3	3.9	0	9.9	8.4	8.6	8.0	7.9	7.2	14
15	10.9	4.2	5.7	3.2	3.8	4.1	9.9	8.5	8.6	8.1	7.9	7.4	15
16	9.4	4.1	5.2	3.2	3.7	8.2	10.2	8.6	8.6	8.2	7.8	8.6	16
17	10.7	4.1	5.0	3.2	3.8	8.3	7.7	8.7	8.6	7.9	7.8	8.8	17
18	13.5	4.1	5.3	3.2	4.2	8.5	6.0	8.9	8.7	7.9	7.9	8.9	18
19	2.7	3.8	5.1	6.7	4.2	8.4	5.6	8.6	8.7	7.9	7.9	8.9	19
20	5.4	6.4	5.4	8.1	4.2	2.9	5.7	8.1	8.7	8.0	7.8	8.9	20
21	9.0	6.4	3.6	6.1	4.2	0	5.9	8.1	8.6	8.0	7.8	8.8	21
22	9.0	3.7	3.7	4.2	4.2	5.6	7.5	6.9	8.7	8.0	7.8	8.4	22
23	9.0	3.7	3.6	4.2	4.2	7.9	7.8	7.8	8.7	8.0	7.8	8.7	23
24	9.0	3.7	3.6	3.8	4.1	8.0	5.1	7.9	8.7	8.0	6.3	8.6	24
25	9.0	3.7	3.6	4.0	4.2	8.1	1.2	6.2	8.8	8.0	5.6	7.8	25
26	9.0	3.6	3.6	4.2	4.3	8.2	0	6.3	9.0	7.9	5.9	8.2	26
27	9.2	3.4	3.5	4.2	4.3	2.1	0	5.0	9.2	7.9	7.2	8.6	27
28	8.9	3.6	3.5	4.2	4.1	.7	0	7.0	9.1	7.9	7.5	8.3	28
29	9.0	3.3	3.5	4.2	4.3	5.6	4.0	7.1	9.0	7.9	7.4	9.1	29
30	9.1	3.2	3.6	4.2	4.2	7.7	6.9	6.5	8.9	8.0	7.4	10.1	30
31	9.1		3.6	4.2	4.2	7.0		6.5			7.6		31
MEAN	13.5	9.2	5.7	8.1	4.3	8.5	10.2	9.2	9.2	8.9	8.0	10.1	MEAN
MAX.	2.7	3.2	3.5	3.2	3.7	0	0	5.0	0	0	5.6	6.0	MAX.
MIN.	586	379	241	253	235	357	363	487	427	453	468	483	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4732

Table B-1 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		HAMILTON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4.8	6.7	4.2	4.3	4.0	6.0	6.1	.5	5.0	5.7	8.1	8.0	1
2	0	8.5	4.2	4.3	4.0	6.1	7.5	0	5.3	4.4	8.6	7.7	2
3	0	8.5	4.2	4.3	4.0	6.2	7.1	0	5.3	4.0	8.4	7.5	3
4	0	8.5	4.2	4.2	4.0	6.2	6.8	0	5.2	3.6	7.9	7.2	4
5	0	8.4	4.2	4.2	3.3	6.2	6.8	1.3	5.2	5.5	7.2	7.0	5
6	0	6.2	4.2	4.2	2.9	5.9	6.7	2.4	4.8	7.5	7.1	6.7	6
7	0	5.7	4.1	4.2	3.1	5.7	6.7	2.4	2.9	7.9	7.4	6.6	7
8	4.8	6.0	4.0	4.2	2.0	5.6	6.4	2.3	3.8	8.1	7.7	6.4	8
9	5.7	6.5	3.8	4.2	1.9	5.4	6.4	2.3	5.9	7.5	7.5	6.3	9
10	5.6	6.4	3.6	4.2	1.6	2.0	6.5	2.2	6.4	7.2	7.5	6.1	10
11	5.8	6.4	3.6	4.2	1.5	3.8	6.7	2.1	6.7	7.6	7.4	5.9	11
12	5.4	7.3	3.7	4.2	1.4	6.4	6.7	2.3	6.6	7.6	7.4	5.9	12
13	5.4	6.3	3.8	4.2	1.4	6.2	6.7	0.9	6.7	7.8	7.4	2.4	13
14	4.7	3.3	3.9	4.2	1.4	6.1	6.7	0	6.8	7.7	7.4	2.3	14
15	4.7	3.6	3.9	4.2	1.6	6.1	6.7	0	7.3	8.1	7.5	2.2	15
16	4.8	3.5	3.9	4.2	3.7	6.1	6.7	0	7.7	8.2	7.4	2.0	16
17	5.2	3.8	3.9	4.2	5.9	6.1	7.2	0	7.0	8.2	7.1	1.9	17
18	4.7	4.2	3.7	4.1	5.8	3.0	6.9	0	6.7	8.3	6.9	1.8	18
19	2.9	4.2	3.7	4.1	5.7	2.2	6.9	0	6.5	8.0	7.2	1.8	19
20	4.5	4.2	3.6	4.1	4.2	1.6	6.8	0	6.4	8.0	7.1	1.5	20
21	4.7	4.3	3.8	4.1	5.5	2.8	6.6	0	6.6	8.0	7.0	1.5	21
22	4.6	4.4	3.7	4.1	4.9	5.6	6.4	0	6.6	8.2	6.8	1.5	22
23	4.3	3.6	3.7	4.1	4.6	6.4	6.7	0	7.5	8.4	6.9	1.5	23
24	6.9	3.6	3.6	4.1	4.3	6.1	7.7	.4	8.6	8.4	7.1	1.5	24
25	7.7	4.1	3.6	4.1	4.4	5.8	7.8	1.5	8.5	8.5	7.6	1.5	25
26	7.2	4.1	3.6	4.0	3.7	5.5	7.5	3.9	8.3	8.3	8.1	1.5	26
27	7.1	4.1	3.6	4.0	3.4	5.3	6.7	4.0	7.6	8.3	8.0	1.5	27
28	7.0	4.1	3.6	4.0	3.5	5.7	7.1	5.4	6.5	8.4	8.6	1.7	28
29	6.8	4.2	3.8	4.0	6.8	6.8	5.7	6.4	5.7	8.4	8.6	1.9	29
30	6.6	4.2	4.2	4.0	6.8	6.8	1.0	5.3	4.8	8.6	8.5	2.0	30
31	6.5		4.3	4.0	6.7	6.7		5.2		7.6	8.3		31
MEAN	7.7	8.5	4.3	4.3	5.9	6.8	7.8	6.4	8.6	8.6	8.6	8.0	MEAN
MAX.	0	3.3	3.6	4.0	1.4	1.6	1.0	0	2.9	3.6	6.8	1.5	MAX.
AC.FT.	275	315	238	255	194	330	393	101	375	460	468	225	AC.FT.

Total Acre-Feet 3629

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		HAMILTON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	.4	.8	.7					0	8.8	8.9	6.6	6.3	1
2	.5	.7	.6					0	8.7	8.9	6.6	6.2	2
3	.6	.6	.5					0	8.7	8.8	6.6	6.3	3
4	3.5	.4	.5					0	8.7	8.8	6.6	6.4	4
5	6.7	1.1	.4					0	8.7	9.1	6.7	2.6	5
6	6.7	1.2	0					0	9.5	9.3	6.3	0	6
7	6.7	1.2	0					0	7.7	9.4	5.7	0	7
8	6.7	1.2	0					0	7.7	9.4	8.0	0	8
9	6.7	1.1	.5					0	6.4	10.5	8.0	0	9
10	6.7	1.1	1.5					0	8.7	11.0	7.7	0	10
11	6.7	1.1	3.1					0	8.1	2.4	6.6	0	11
12	6.7	1.0	4.8	N	N	N	N	0	7.8	0	5.8	2.6	12
13	6.7	.9	4.2	0	0	0	0	0	7.6	0	6.0	6.4	13
14	6.4	1.1	5.2					0	7.7	0	6.1	5.5	14
15	6.6	1.1	4.9					0	7.9	0	6.1	5.8	15
16	6.4	1.1	5.2	F	F	F	F	0	7.9	0	5.9	5.9	16
17	6.4	.7	3.2	L	L	L	L	0	8.0	4.8	5.8	6.4	17
18	7.4	3.6	3.0	0	0	0	0	0	8.0	7.2	5.6	7.4	18
19	6.8	9.9	2.4	W	W	W	W	2.5	8.0	6.6	1.8	1.9	19
20	6.8	10.3	0					6.0	7.9	6.3	3.1	0	20
21	6.4	8.0	0					6.0	8.0	6.3	5.7	0	21
22	5.3	3.0	0					8.3	8.1	6.2	5.7	0	22
23	4.2	2.1	0					7.1	8.1	6.3	5.6	0	23
24	3.9	1.5	3.0					7.0	8.2	6.3	5.6	0	24
25	1.0	1.3	2.4					7.0	9.6	6.3	5.3	0	25
26	1.4	1.3	0					7.0	10.5	7.0	4.9	0	26
27	1.5	1.2	0					7.8	10.5	7.5	4.2	0	27
28	1.3	1.0	0					8.7	10.5	7.2	4.0	0	28
29	1.1	.9	0					8.7	9.6	7.3	5.7	0	29
30	1.1	.9	0					8.7	9.0	7.2	6.2	0	30
31	1.1		0					9.1		4.5	6.3		31
MEAN	7.4	10.3	5.2					9.1	10.6	11.0	8.0	7.4	MEAN
MAX.	.4	.4	0					0	6.4	0	1.8	0	MAX.
AC.FT.	279	122	91					186	505	384	359	138	AC.FT.

Total Acre-Feet 2064

Table B-1 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		HAMILTON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	5.2					0	5.3	6.8	6	6.6	5.2	1
2	0	5.5					0	5.2	6.2	6	9.9	5	2
3	0	5.6					0	5.9	6.2	6.3	9.9	5	3
4	0	5.6					0	6.3	6.2	7.2	9.9	4.9	4
5	0	5.6					0	6.4	6.2	8.3	10.9	7.2	5
6	0	5.6					0	6.6	7	8.3	11	8.8	6
7	0	5.7					0	6.7	7	8.3	10.4	5	7
8	0	5.6					0	6.7	7	8.3	11.3	4.6	8
9	0	5.6					0	7.3	7	8.3	11.4	4.7	9
10	0	5.6					0	7.8	7	8.3	11.4	4.9	10
11	0	5.6					0	7.5	7	8.3	11.5	8.5	11
12	0	5.6	N	N	N	N	0	7.5	7.1	8.3	11.7	8	12
13	0	2.8	O	O	O	O	0	7.5	7.1	8.3	11.7	7.4	13
14	0	0					0	7.3	7	8.3	11.7	6.7	14
15	0	0					0	6.6	7	8.5	11.8	6.7	15
16	0	0	F	F	F	F	0	6.4	5.7	8.5	11.7	8.5	16
17	0	0	L	L	L	L	0	6.6	0	8.5	11.9	8.3	17
18	0	0	O	O	O	O	0	6.6	0	10.1	12	7	18
19	0	0	W	W	W	W	4.4	6.6	4.0	12	11	7.4	19
20	0	0					5.8	6.6	6.3	11	10.8	7	20
21	0	0					5.8	6.6	6.3	10.8	10.4	5.6	21
22	0	0					5.8	6.6	6.3	10.8	10.2	5.5	22
23	4.5	0					5.8	6.6	6.3	10.8	10.7	4.9	23
24	6.6	0					5	6.5	6.3	10.8	11.1	4.5	24
25	6.1	0					5.1	6.5	6	10.7	9.4	4	25
26	5.3	0					3.9	6.5	6	10.6	5.2	3.7	26
27	5.2	0					4.2	6.5	5.8	9.3	4.5	3.6	27
28	5.3	0					4	6.5	6.3	6.6	6.6	3.6	28
29	5.3	0					3.9	7	6.3	5.4	5.8	3.5	29
30	5.4	0					4.5	7.5	6.3	4.9	5.6	3.9	30
31	5.4	0					7.5	7.5	6.3	4.9	5.4	4.9	31
MEAN													MEAN
MAX.	6.6	5.7					5.8	7.8	7.1	12	12.0	8.8	MAX.
MIN.	0	0					0	5.2	0	4.9	4.5	3.6	MIN.
AC. FT.	97	138					115	412	357	521	602	344	AC. FT.

Total Acre-Feet 2586

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		HAMILTON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	5.6		0				0	7.0	8.7	9.2	12.7	5.6	1
2	5.6		0				0	6.4	8.4	9.3	11.3	4.9	2
3	5.6		0				2.2	7.4	7.3	9.3	10.2	4.6	3
4	5.6		0				3.2	8.7	7.0	9.2	10.2	4.6	4
5	5.2		0				3.3	7.9	7.7	9.3	10.0	4.9	5
6	5.5		0				3.2	7.6	7.8	9.3	9.3	5.2	6
7	5.7		0				2.8	7.5	8.7	9.3	9.2	5.0	7
8	5.5		0				2.7	7.7	9.0	9.3	8.3	6.7	8
9	2.8		0				2.9	7.1	8.3	8.9	8.3	7.0	9
10	2.9		.5				2.7	6.5	8.0	8.0	8.2	6.9	10
11	3.1		.5				2.7	6.3	7.5	7.6	7.8	7.1	11
12	3.2	N	.5	N	N	N	2.5	6.3	6.3	8.4	6.8	7.3	12
13	3.2	O	.5	O	O	O	2.5	6.4	6.2	8.6	6.9	7.5	13
14	3.4		.5				2.4	7.2	9.0	8.6	7.2	8.3	14
15	3.5		.5				2.3	7.5	9.3	8.3	7.5	8.1	15
16	3.6	F	.5	F	F	F	5.3	6.7	9.1	8.4	7.6	6.6	16
17	3.6	L	.5	L	L	L	6.7	6.5	9.5	8.5	7.5	8.0	17
18	3.6	O	0	O	O	O	9.2	6.5	10.3	8.5	7.4	9.1	18
19	3.7	W	0	W	W	W	10.3	7.8	11.1	9.7	9.3	8.9	19
20	3.8		0				10.3	9.0	11.6	10.4	11.7	9.8	20
21	4.0		0				10.3	9.0	10.8	10.4	11.6	10.5	21
22	4.3		0				9.1	8.9	10.1	10.5	11.6	10.5	22
23	3.9		0				7.1	8.3	10.1	9.9	11.4	10.3	23
24	3.8		0				6.1	7.7	10.0	9.2	11.3	9.1	24
25	3.6		0				5.6	7.2	9.5	9.2	11.5	8.2	25
26	1.2		0				7.1	7.6	10.3	9.3	12.1	7.9	26
27	0		0				7.4	7.9	10.7	9.5	12.3	9.2	27
28	0		0				7.7	7.8	10.0	9.6	11.6	8.8	28
29	0		0				8.2	8.3	9.5	10.1	9.7	6.8	29
30	0		0				7.6	8.4	9.2	11.9	6.6	4.4	30
31	0		0					8.5		13.7	6.2		31
MEAN													MEAN
MAX.	5.7		.5				10.3	9.0	11.6	13.7	12.7	10.5	MAX.
MIN.	0		0				0	6.3	6.2	7.6	6.2	4.4	MIN.
AC. FT.	209		8				304	463	538	578	582	440	AC. FT.

Total Acre-Feet 3122

Table B-2

HANNA RANCH RIPARIAN

Point of Diversion: South side Lower Kaweah River, north of east quarter corner, Section 7, T18S, R27E, MDB&M.

Remarks: Diversion by two electric pumps. Pumps are rated to electric meter. Record is partially estimated.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		HANNA RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4.3				3.2	1.1	4.4	8.6	5.4	5.8	5.8	4.1	1
2	4.3				3.2	4.3	4.4	8.6	5.4	5.8	4.9	4.1	2
3	4.3				7.6	11.3	4.4	5.4	1.8	5.8	4.7	4.1	3
4	1.9				9.0	11.3	4.4	5.4	0	8.5	7.1	1.4	4
5	1.3				.7	11.3	4.4	5.4	0	9.9	9.8	0	5
6	3.1				0	11.3	4.4	5.4	0	8.5	11.2	2.7	6
7	6.2				0	11.3	4.4	8.3	0	5.8	11.2	4.1	7
8	4.3				0	11.3	4.4	9.3	3.3	5.8	11.2	4.1	8
9	4.3				0	11.3	4.4	9.3	4.1	5.8	11.2	4.1	9
10	4.3				3.4	11.3	4.4	9.3	2.7	8.5	11.2	4.1	10
11	4.3				3.8	11.3	4.4	9.3	0	9.9	11.2	4.1	11
12	4.3	N	N	N	6.1	11.3	4.4	9.3	0	9.9	11.2	4.1	12
13	4.3	O	O	O	6.1	5.1	5.7	9.3	0	9.9	11.2	4.1	13
14	4.3				6.1	0	3.3	6.7	3.9	7.2	11.2	4.1	14
15	4.3				6.1	0	2.2	9.5	5.8	8.0	11.2	4.1	15
16	4.3	F	F	F	6.1	0	1.6	9.5	8.5	8.5	11.2	4.1	16
17	4.3	L	L	L	6.1	5.3	4.2	9.5	9.9	8.3	11.2	4.1	17
18	4.3	O	O	O	6.1	7.0	4.2	9.5	9.9	9.9	11.2	1.4	18
19	4.3	W	W	W	6.1	7.0	4.2	9.5	9.9	9.9	11.2	0	19
20	4.3				6.1	7.0	4.2	9.5	9.9	9.9	11.2	0	20
21	4.3				2.4	7.0	4.2	9.5	9.9	9.9	11.2	2.7	21
22	4.3				0	7.0	5.8	9.5	9.9	7.2	11.2	6.2	22
23	4.3				0	7.0	5.8	7.0	9.9	5.8	11.2	2.1	23
24	4.3				0	7.0	8.4	5.4	7.2	5.8	11.2	0	24
25	4.3				0	7.0	8.4	8.7	8.8	5.8	11.2	2.1	25
26	4.3				0	7.0	8.4	7.4	9.9	5.8	11.2	2.1	26
27	4.3				0	1.4	9.0	7.4	9.9	8.5	8.3	2.1	27
28	4.3				0	0	9.0	7.4	7.2	9.9	8.8	2.1	28
29	4.3				0	0	9.0	7.4	9.9	4.1	4.1	2.1	29
30	4.3				2.3	2.3	5.9	7.4	8.5	4.1	4.1	2.1	30
31	3.2				4.4	4.4		7.4		4.1	4.1		31
MEAN													MEAN
MAX.	6.2				9.0	11.3	9.0	9.5	9.9	9.9	11.2	6.2	MAX.
MIN.	1.3				0	0	1.6	5.4	0	4.1	4.1	0	MIN.
AC. FT.	253				175	397	310	498	340	461	589	172	AC. FT.

Total Acre-Feet 3195

Table B-2 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		HANNA RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	0	6.3	1.6	0	4.8	8.7	8.9	0	7.7	9.2	9.2	1
2	1.6	0	1.6	1.6	0	5.7	5.8	8.9	0	7.7	9.2	9.2	2
3	1.6	0	0	1.6	0	5.7	5.8	8.9	0	7.7	9.2	9.2	3
4	1.6	0	0	1.6	0	5.7	5.8	8.9	0	7.7	9.2	9.2	4
5	1.6	0	0	1.6	0	5.7	5.8	8.9	0	7.7	9.2	9.2	5
6	1.6	0	4.7	1.6	0	5.7	5.4	8.9	0	7.7	9.2	9.2	6
7	1.6	0	6.3	1.6	0	5.7	5.4	8.9	0	7.7	9.2	9.2	7
8	1.6	0	6.3	1.6	0	5.1	7.5	8.9	0	7.7	9.2	9.2	8
9	0	0	6.3	1.6	0	3.3	7.2	8.8	1.6	7.7	9.2	9.2	9
10	0	0	6.3	1.6	0	3.3	7.2	8.7	6.5	6.2	8.2	9.2	10
11	2.9	0	6.3	0	0	3.3	7.2	8.7	7.7	4.7	1.3	9.2	11
12	1.6	0	6.3	0	0	3.3	7.2	8.7	7.7	3.1	0	9.2	12
13	1.6	0	6.3	0	0	3.3	7.2	8.7	7.7	0	0	5.6	13
14	1.6	0	6.3	0	0	3.3	8.1	8.7	7.7	0	0	4.1	14
15	1.6	0	6.3	0	0	3.3	8.1	8.7	7.7	0	0	4.1	15
16	1.6	0	3.1	0	3.6	3.3	8.1	8.7	7.7	0	0	4.1	16
17	1.6	0	1.6	0	7.1	3.3	8.1	8.5	7.7	0	0	4.1	17
18	1.6	0	1.6	0	7.1	3.3	8.1	8.4	7.7	3.5	0	4.1	18
19	1.6	0	1.6	0	7.1	5.8	8.1	8.4	7.7	7.8	0	4.1	19
20	0	0	1.6	0	7.1	3.8	8.1	8.4	7.7	8.8	0	4.1	20
21	0	0	1.6	0	7.1	3.8	8.9	8.4	7.7	8.8	0	1.0	21
22	0	0	1.6	0	7.1	3.8	8.9	8.4	7.7	8.8	0	0	22
23	0	0	1.6	0	7.1	2.5	8.9	8.1	7.7	8.8	0	0	23
24	0	0	0	0	7.1	5.8	8.9	8.4	7.7	8.8	0	0	24
25	0	0	0	0	7.1	5.8	8.9	4.8	7.7	8.8	0	0	25
26	0	0	0	0	7.1	5.8	8.9	7.2	7.7	9.0	0	0	26
27	0	0	1.1	0	7.1	5.8	8.9	8.4	7.7	9.2	0	0	27
28	0	0	1.6	0	4.5	5.8	8.9	8.4	7.7	9.2	0	0	28
29	0	4.7	1.6	0	0	5.8	8.9	1.6	7.7	9.2	3.1	0	29
30	0	6.3	1.6	0	0	5.8	8.9	0.0	7.7	9.2	7.9	0	30
31	0	0	1.6	0	0	5.8	5.8	0	7.7	9.2	9.2	0	31
MEAN	2.9	6.3	6.3	1.6	7.1	5.8	8.9	8.9	7.7	9.2	9.2	9.2	MEAN
MAX.	0	0	0	0	0	2.5	5.4	0	0	0	0	0	MAX.
MIN.	53	22	181	32	171	282	460	473	322	401	223	283	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2909

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		HANNA RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	7.0	8.0	0	9.9	6.5	1.7	1
2						0	7.0	10.6	0	9.9	3.3	0	2
3						0	9.6	10.6	0	9.9	0	0	3
4						0	10.4	10.6	0	9.9	4.9	0	4
5						0	10.4	8.1	0	9.9	6.8	0	5
6						0	10.4	7.2	3.4	9.9	6.8	0	6
7						0	7.5	1.8	5.1	9.9	6.8	0	7
8						0	.9	0	5.1	9.9	6.8	0	8
9						0	0	0	5.1	9.9	6.8	2.6	9
10						0	5.3	0	3.0	9.9	6.8	3.4	10
11						0	9.6	0	3.4	9.9	9.4	3.4	11
12	N	N	N	N	N	0	10.4	0	3.4	9.9	10.2	3.4	12
13	O	O	O	O	O	0	10.4	0	3.4	9.9	10.2	0.9	13
14						0	10.4	0	3.4	9.9	7.7	0	14
15						0	10.4	0	1.7	9.9	6.8	0	15
16	F	F	F	F	F	0	10.4	0	0	9.9	6.8	0	16
17	L	L	L	L	L	0	9.6	0	0	5.0	6.8	0	17
18	O	O	O	O	O	0	7.0	0	0	3.4	6.8	0	18
19	W	W	W	W	W	5.3	1.8	0	0	3.4	9.4	0	19
20						7.0	0	0	0	3.4	10.2	0	20
21						7.0	0	0	0	2.6	10.2	0	21
22						7.0	0	0	0	4.9	7.7	0	22
23						7.0	0	0	0	6.5	6.8	0	23
24						5.3	0	0	2.6	6.5	6.8	0	24
25						0	0	0	3.4	6.5	6.8	0	25
26						0	0	0	3.4	6.5	6.8	0	26
27						5.3	0	0	3.4	6.5	6.8	0	27
28						7.0	0	0	8.3	6.5	9.9	0	28
29						7.0	0	0	10.1	6.5	10.2	0	29
30						7.0	0	0	10.1	6.5	5.1	0	30
31						7.0	0	0	0	6.5	3.4	0	31
MEAN						7.0	10.4	10.6	10.1	9.9	10.2	3.4	MEAN
MAX.						0	0	0	0	2.6	0	0	MAX.
MIN.						142.6	294.5	112.9	155.3	475.2	437.0	30.5	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1648

Table B-2 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		HANNA RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	0	0	5.1	0	8.9	3.6	2.6	1
2					0	0	0	5.1	0	8.9	3.6	0	2
3					0	0	0	6.3	0	8.9	3.4	0	3
4					1.1	0	0	8.8	0	8.9	0	0	4
5					3.3	0	0	8.8	0	8.9	0	0	5
6					6.9	0	0	8.8	0	8.9	0	0	6
7					8.7	3.2	0	2.2	0	7.2	0	0	7
8					8.7	4.2	0	0	0	3.7	0	0	8
9					8.7	4.2	0	0	0	3.7	0	0	9
10					5.8	4.2	0	0	0	3.7	0	0	10
11					2.5	4.2	0	0	0	3.7	0	0	11
12	N	N	N	N	3.3	4.2	0	0	0	3.7	0	0	12
13	O	O	O	O	3.3	4.2	0	0	0	3.7	0	0	13
14					8	7.8	0	0	0	7.2	0	0	14
15					0	9.6	0	0	0	8.9	0	0	15
16	F	F	F	F	0	9.6	0	0	0	8.9	0	0	16
17	L	L	L	L	0	9.6	0	0	0	8.9	0	0	17
18	O	O	O	O	0	5.2	0	0	0	8.9	0	0	18
19	W	W	W	W	0	3.8	3.4	0	5.8	8.9	0	0	19
20					0	9.6	7.9	0	8.9	8.9	3.5	0	20
21					0	9.6	9.3	0	8.9	8.9	4.6	0	21
22					0	9.6	9.3	0	8.9	8.9	4.6	0	22
23					0	9.6	9.3	0	8.9	8.9	4.6	0	23
24					0	9.6	9.3	0	8.9	7.6	4.6	0	24
25					0	9.6	9.3	0	8.9	3.7	4.6	0	25
26					0	8.2	9.3	0	8.9	3.7	4.6	0	26
27					0	5.4	9.3	0	8.9	3.7	4.6	0	27
28					0	5.4	9.3	0	8.9	3.7	6.4	0	28
29					0	5.4	9.3	0	8.9	3.7	8.2	0	29
30					0	5.4	6.2	0	8.9	3.7	8.2	0	30
31					0	3.6	0	0	0	3.7	8.2	0	31
MEAN					8.7	9.6	9.3	8.8	8.9	8.9	8.2	2.6	MEAN
MAX.					0	0	0	0	0	0	0	0	MAX.
MIN.					0	0	0	0	0	0	0	0	MIN.
AC. FT.					105	327	201	89	206	101	153	5	AC. FT.

Total Acre-Feet 1490.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		HANNA RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	8.9	0	6.3	6.3	6.3	6.3	1
2						0	8.9	0	6.3	6.3	6.3	6.3	2
3						0	8.9	0	6.3	6.3	6.3	6.3	3
4						0	8.9	0	4.2	6.3	6.3	6.3	4
5						0	8.9	0	0	6.3	6.3	6.3	5
6						0	8.9	0	0	6.3	6.3	6.3	6
7						0	8.9	0	0	6.3	6.3	6.3	7
8						0	9.9	0	0	6.3	6.3	6.3	8
9						0	6.3	0	0	3.4	6.3	6.3	9
10						0	2.6	0	0	4.7	6.3	4.7	10
11						0	0	0	0	6.3	6.3	0	11
12	N	N	N	N	N	0	0	0	0	6.3	6.3	0	12
13	O	O	O	O	O	0	0	0	0	6.3	6.3	0	13
14						0	0	0	0	6.3	6.3	0	14
15						0	0	0	0	6.3	6.3	0	15
16	F	F	F	F	F	0	0	0	0	6.3	6.3	0	16
17	L	L	L	L	L	0	0	0	0	6.3	6.3	0	17
18	O	O	O	O	O	0	0	0	0	6.3	6.3	0	18
19	W	W	W	W	W	0	0	0	0	6.3	6.3	0	19
20						0	0	0	0	6.3	6.3	0	20
21						0	0	0	2.9	6.3	6.3	0	21
22						0	0	0	6.3	6.3	4.2	0	22
23						0	3.7	0	6.3	6.3	0	0	23
24						0	6.3	0	6.3	6.3	4.7	0	24
25						0	6.3	0	6.3	6.3	6.3	0	25
26						0	4.2	0	6.3	6.3	6.3	0	26
27						0	0	0	6.3	6.3	6.3	0	27
28						0	0	0	6.3	6.3	6.3	0	28
29						0	0	4.7	6.3	6.3	6.3	0	29
30						0	0	6.3	6.3	6.3	6.3	0	30
31						4.5	0	6.3	6.3	6.3	6.3	0	31
MEAN					4.5	9.9	6.3	6.3	6.3	6.3	6.3	6.3	MEAN
MAX.					0	0	0	0	0	0	0	0	MAX.
MIN.					0	0	0	0	0	0	0	0	MIN.
AC. FT.					9	202	34	164	378	378	368	122	AC. FT.

Total Acre-Feet 1277

Table B-3

CONSOLIDATED PEOPLES DITCH

Point of Diversion: 4.5 miles below McKay Point on the south bank of Lower Kaweah River in the NE 1/4, Section 14, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 700 cfs.

Location: At head of ditch in the NE 1/4, Section 14, T18S, R26E, MDB&M.

Gage: Concrete headgate and flashboards, rated by current meter measurements from footbridge below headgate. Water-stage recorder above headgate. Parshall flume installed September 1954.

Operating Agencies: Consolidated Peoples Ditch Company and Elk Bayou Ditch Company.

Gross Service Area: Consolidated Peoples Ditch Company, 16,000 acres. Elk Bayou Ditch Company, 8,900 acres.

Period of Record: April 15, 1917 to current year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		CONSOLIDATED PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	60		0	33	50			0	151	174		1
2	0	60		0	31	42			0	155	172		2
3	0	60		0	31	43			0	156	171		3
4	0	65		0	32	30			0	155	158		4
5	0	65		0	30	19				155	160		5
6	0	65		0	17	26			0	151	170		6
7	0	65		0	0	30			32	151	159		7
8	0	65		0	0	26			79	153	153		8
9	0	65		8	0	23			101	149	150		9
10	0	66		27	0	20			109	148	151		10
11	0	57		29	0	22			119	151	157		11
12	0	57	N	30	0	29	N	N	129	152	158	N	12
13	0	55	O	28	0	35	O	O	130	152	159	O	13
14	0	57		26	0	42			129	149	159		14
15	0	60		25	0	39			122	151	155		15
16	15	60	F	25	0	31	F	F	122	155	157	F	16
17	49	59	L	25	0	26	L	L	130	155	156	L	17
18	50	63	O	24	7	29	O	O	132	157	154	O	18
19	56	62	W	22	23	30	W	W	135	158	150	W	19
20	58	61		22	26	29			139	157	149		20
21	47	36		27	28	35			140	156	144		21
22	50	0		28	27	29			142	156	139		22
23	50	0		30	27	24			140	155	143		23
24	46	0		30	27	27			142	153	144		24
25	46	0		30	27	31			143	152	130		25
26	47	0		29	24	36			137	158	119		26
27	50	0		28	33	43			135	160	73		27
28	49	0		30	36	41			144	165	19		28
29	49	0		35	38	26			147	176	12		29
30	55	0		34		0			152	181	9		30
31	59			33						180	0		31
MEAN	59	66		35	38	50			152	181	174		MEAN
MAX.	0	0		0	0	0			0	148	0		MAX.
MIN.	1539	2505		1240	986	1811			6010	9626	8140		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 31857

Table B-3 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		CONSOLIDATED PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	151							0	106	146		1
2	0	158							0	115	149		2
3	0	162							0	119	153		3
4	0	172							0	121	150		4
5	0	179							0	123	149		5
6	0	90							0	122	151		6
7	0	0							0	121	149		7
8	0	0							0	125	149		8
9	0	0							0	129	147		9
10	0	0							0	131	148		10
11	0	0							0	131	149		11
12	0	0	N	N	N	N	N	N	0	134	143	N	12
13	0	0	O	O	O	O	O	O	0	139	146	O	13
14	0	0							0	142	149		14
15	0	0							0	146	149		15
16	0	0	F	F	F	F	F	F	0	147	147	F	16
17	0	0	L	L	L	L	L	L	0	147	150	L	17
18	0	0	O	O	O	O	O	O	0	146	152	O	18
19	0	0	W	W	W	W	W	W	0	145	153	W	19
20	0	0							0	144	116		20
21	0	0							0	144	16		21
22	0	0							0	145	0		22
23	0	0							0	144	0		23
24	0	0							0	142	0		24
25	75	0							0	143	0		25
26	181	0							0	144	0		26
27	172	0							56	146	0		27
28	155	0							65	149	0		28
29	153	0							82	147	0		29
30	153	0							100	146	0		30
31	152	0								145	0		31
MEAN	181	179							100	149	153		MEAN
MAX.	0	0							0	106	0		MAX.
MIN.	0	0							0	751.3	587.3		MIN.
AC. FT.	2066	1809							601	751.3	587.3		AC. FT.

Total Acre-Feet 17861

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		CONSOLIDATED PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water from Sweeney Ditch.		0	80	88	80	0	287	384	371	352	354	1
2			0	75	89	101	0	309	384	365	349	342	2
3			0	61	88	98	17	314	361	379	357	334	3
4			0	60	83	37	47	330	362	387	363	337	4
5			0	73	85	0	50	366	354	387	357	330	5
6			0	82	98	0	53	387	359	384	347	303	6
7			0	80	128	0	26	376	362	373	354	258	7
8			0	78	144	0	0	376	366	363	361	247	8
9			0	79	145	0	0	397	371	368	365	247	9
10			0	107	32	0	0	418	368	368	365	238	10
11			0	115	23	0	18	424	368	368	363	230	11
12	N	N	0	128	19	0	35	435	367	368	359	217	12
13	O	O	0	110	25	0	42	436	378	365	368	211	13
14			0	79	0	14	56	436	390	365	361	197	14
15			0	119	0	31	83	435	389	368	359	197	15
16	F	F	0	126	0	39	120	441	385	373	361	197	16
17	L	L	0	183	30	75	95	445	381	370	357	195	17
18	O	O	0	162	53	84	94	453	384	373	347	195	18
19	W	W	0	148	54	82	94	456	383	373	344	191	19
20			0	109	54	82	135	453	384	373	344	188	20
21			0	137	55	83	203	450	382	377	352	189	21
22			0	130	64	12	203	450	379	377	368	187	22
23			0	100	62	0	201	448	383	373	368	181	23
24			0	109	82	0	201	448	383	370	368	178	24
25			0	123	80	0	207	450	380	370	381	182	25
26			0	112	79	0	202	445	382	363	381	183	26
27			1	104	74	25	232	429	376	357	361	185	27
28			54	101	69	60	263	420	382	357	354	185	28
29			73	100		60	263	406	382	365	359	197	29
30			75	99		61	265	389	379	357	354	205	30
31			76	91		33		385		352	352		31
MEAN			76	183	145	101	265	456	390	387	381	354	MEAN
MAX.			0	60	0	0	0	287	354	352	344	178	MAX.
MIN.			553	6466	3576	2097	6357	25179	22390	22729	22078	13646	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 125071

Table B-3 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CONSOLIDATED PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	205	145	41	32	83	44	95	258	334	359	183		1
2	205	151	41	28	89	29	97	258	332	354	183		2
3	201	156	40	27	89	22	113	256	337	344	181		3
4	203	158	39	27	87	22	115	255	337	354	179		4
5	201	158	40	27	86	22	115	258	332	342	173		5
6	199	160	40	27	95	21	113	258	336	349	173		6
7	201	162	40	27	104	13	120	258	342	349	171		7
8	201	160	40	28	107	7	128	253	334	347	160		8
9	201	158	40	27	106	6	128	255	339	342	151		9
10	191	158	40	29	100	5	137	255	344	334	142		10
11	185	107	40	30	101	0	140	255	344	334	133		11
12	185	26	34	30	95	0	145	255	344	339	137		12
13	185	27	34	28	86	0	155	255	348	337	138	N	13
14	185	29	36	28	94	0	164	257	354	323	138	O	14
15	185	29	37	67	95	0	164	258	354	317	137		15
16	185	29	37	101	95	0	173	255	357	323	81	F	16
17	185	28	37	99	99	0	193	258	357	332	15	L	17
18	185	26	42	96	101	0	213	265	354	347	0	O	18
19	185	26	43	87	101	0	221	263	352	352	0	W	19
20	185	26	38	80	104	0	234	255	354	352	0		20
21	183	29	42	80	114	0	245	255	357	357	0		21
22	179	28	41	67	111	5	245	255	359	357	0		22
23	172	30	35	63	102	5	245	260	361	357	0		23
24	171	30	34	67	99	54	189	267	359	357	0		24
25	111	26	34	69	97	102	233	277	349	359	0		25
26	0	26	34	73	110	102	249	287	351	359	0		26
27	0	26	34	72	117	106	255	298	354	357	0		27
28	0	30	34	71	77	112	258	325	354	282	0		28
29	0	44	34	70	92	92	258	344	354	215	0		29
30	60	38	34	69	92	92	258	342	356	197	0		30
31	145		34	71	95	95		337		181	0		31
MEAN	205	162	42	101	107	112	258	344	361	359	183		MEAN
MAX.	0	26	34	27	77	0	95	253	332	181	0		MAX.
MIN.	9677	4415	2319	3366	5443	1896	10707	16636	20706	20226	4909		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 100300

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		CONSOLIDATED PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	0	20	24	133	448	273	284	263	359	383	325	1
2	0	0	20	28	133	450	287	273	263	360	379	314	2
3	0	0	20	30	131	453	292	260	273	359	387	306	3
4	0	0	20	29	130	412	290	260	287	358	387	308	4
5	0	0	18	30	130	421	280	260	303	358	387	312	5
6	0	0	18	30	130	384	267	260	317	354	384	313	6
7	0	0	18	30	130	318	267	260	320	354	379	309	7
8	0	0	18	29	130	305	267	265	325	347	377	301	8
9	0	0	18	31	128	300	263	265	322	333	377	296	9
10	0	0	17	30	127	376	257	267	320	318	373	299	10
11	0	0	17	31	132	452	257	265	325	313	373	301	11
12	0	0	17	33	144	379	255	263	330	310	373	294	12
13	0	0	17	20	147	219	253	263	334	313	370	290	13
14	0	0	17	59	151	200	263	260	334	315	370	287	14
15	0	15	16	123	157	197	273	257	334	324	370	286	15
16	0	15	16	185	105	196	282	264	334	330	370	287	16
17	0	14	16	201	85	179	300	260	332	332	370	205	17
18	0	13	15	189	57	169	318	257	332	339	370	141	18
19	0	12	15	177	56	160	328	257	332	344	359	131	19
20	0	11	15	189	92	151	340	267	334	347	358	122	20
21	0	13	16	185	217	160	347	277	334	354	354	119	21
22	0	14	16	179	243	167	344	285	337	360	355	114	22
23	0	14	16	181	453	166	342	285	337	360	357	117	23
24	5	14	16	181	575	179	339	277	337	360	357	106	24
25	24	14	17	181	543	196	327	273	344	360	357	91	25
26	70	15	17	179	522	211	319	271	354	360	347	89	26
27	73	23	17	177	525	226	320	263	354	360	347	112	27
28	75	24	19	162	475	237	319	260	357	360	347	103	28
29	64	24	23	146	450	243	315	263	366	360	348	102	29
30	36	20	23	133	240	250	296	263	361	373	342	93	30
31	0		22	130	253	253		265		387	330	98	31
MEAN	75	24	23	201	575	453	347	285	366	387	387	325	MEAN
MAX.	0	0	15	24	56	151	253	257	263	310	330	89	MAX.
MIN.	688	506	1091	6609	12756	16755	17613	16362	19428	21344	22487	12849	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 148488

Table B-4

LOWER KAWEAH BELOW PEOPLES DITCH

Point of Diversion: In the NE 1/4, Section 14, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 2,600 cfs, with bypass for higher flows.

Location: Approximately 200 feet below Consolidated Peoples Ditch Company's point of diversion.

Gage: 40-foot Parshall flume with water-stage recorder.

Operating Agency: Kaweah and St. Johns Rivers Association.

Period of Record: 1959 to current year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		LOWER KAWEAH BELOW PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7	26	79	93	67	13	Includes Central Valley Project water February 20-25.		0	170	125		1
2	10	26	116	93	68	5			0	169	91		2
3	11	26	136	92	72	0			0	171	57		3
4	11	26	167	92	72	0			0	170	63		4
5	15	26	169	92	70	0			18	167	63		5
6	12	26	165	81	77	0			125	180	52		6
7	12	26	165	54	48	0			135	196	53		7
8	11	26	155	57	37	0			143	177	53		8
9	10	26	135	61	44	0			177	160	52		9
10	14	27	127	50	51	0			189	156	53		10
11	17	23	127	47	17	0			182	155	39		11
12	20	23	128	46	13	0	N	N	177	157	40	N	12
13	17	23	122	39	19	0	O	O	175	157	40	O	13
14	13	24	121	36	21	0			177	157	40		14
15	14	26	118	35	21	0			185	156	37		15
16	9	26	118	35	20	0	F	F	203	150	40	F	16
17	12	35	118	34	18	0	L	L	198	133	40	L	17
18	17	48	116	31	14	0	O	O	200	129	41	O	18
19	19	47	109	28	9	0	W	W	196	133	40	W	19
20	20	46	112	28	109	0			189	134	37		20
21	19	62	116	48	162	0			190	145	36		21
22	19	66	112	71	162	0			188	155	37		22
23	19	77	95	75	163	0			192	138	37		23
24	19	77	96	75	160	0			196	106	45		24
25	19	75	105	75	64	0			190	105	43		25
26	20	76	103	73	0	0			192	114	42		26
27	21	76	91	72	0	0			190	120	31		27
28	21	76	91	76	0	0			185	120	0		28
29	22	68	91	75	0	0			180	121	0		29
30	24	63	85	65	0	0			174	120	0		30
31	24		81	65	0	0				125			31
MEAN													MEAN
MAX.	24	77	169	93	163	13			203	196	125		MAX.
MIN.	7	23	79	28	0	0			0	105	0		MIN.
AC. FT.	988	2575	7277	3757	3130	36			9017	9017	2632		AC. FT.

Total Acre-Feet 38429

Table B-4 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		LOWER KAWEAH BELOW PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	180	20	30	48	0			0	204	152		1
2	0	157	23	33	45	0			0	203	131		2
3	0	134	27	33	45	2			0	204	86		3
4	0	99	24	24	42	3			0	203	53		4
5	0	62	26	51	22	5			0	189	62		5
6	0	37	22	40	15	2			0	185	66		6
7	0	24	19	35	7	1			0	182	66		7
8	0	22	19	36	0	3			0	176	63		8
9	0	21	18	36	0	3			0	176	54		9
10	0	19	19	36	0	5			0	179	55		10
11	0	16	21	33	0	2			0	175	57		11
12	0	18	27	30	0	1	N	N	0	172	50	N	12
13	0	22	20	33	0	0	O	O	0	172	52	O	13
14	0	27	17	33	0	0			0	175	54		14
15	0	27	19	33	0	0			0	180	52		15
16	0	29	22	32	0	0	F	F	0	193	52	F	16
17	0	34	24	32	0	0	L	L	0	198	55	L	17
18	0	34	26	34	0	0	O	O	0	197	58	O	18
19	0	31	24	40	0	0	W	W	0	198	59	W	19
20	0	27	23	40	0	0			40	198	31		20
21	75	26	24	41	0	0			140	196	0		21
22	113	26	24	45	0	0			151	196	0		22
23	118	26	23	46	0	0			143	192	0		23
24	120	27	24	45	2	0			160	188	0		24
25	118	25	24	47	1	0			183	185	0		25
26	107	22	22	50	1	0			195	180	0		26
27	129	22	24	47	0	0			204	174	0		27
28	165	22	26	47	0	0			204	175	0		28
29	180	22	24	46	0	0			201	172	0		29
30	193	21	24	46	0	0			205	170	0		30
31	193		28	47	0	0				170	0		31
MEAN													MEAN
MAX.	193	180	28	51	48	5			205	204	152		MAX.
MIN.	0	16	17	24	0	0			0	170	0		MIN.
AC. FT.	2997	2497	1402	2382	452	54			3622	11419	2594		AC. FT.

Total Acre-Feet 27419

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		LOWER KAWEAH BELOW PEOPLES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	479	68	503	458	605	838	775	766	405	1
2			0	464	70	481	496	589	838	770	757	426	2
3			0	287	68	481	537	584	820	770	757	415	3
4			0	84	63	709	573	581	824	761	766	419	4
5			0	58	63	455	585	581	833	748	766	359	5
6			0	55	95	415	585	581	838	761	766	312	6
7			0	52	162	613	549	581	842	757	770	331	7
8			0	48	240	654	531	593	851	735	786	331	8
9			0	51	779	654	533	638	861	735	795	334	9
10			0	80	926	642	565	683	856	739	802	334	10
11			0	102	422	650	589	679	851	731	797	354	11
12	N	N	0	138	240	646	585	701	851	713	797	361	12
13	O	O	0	105	503	638	597	696	851	709	802	347	13
14			0	72	381	633	597	692	893	709	802	322	14
15			0	130	481	642	617	692	955	735	728	309	15
16	F	F	0	238	503	642	667	696	950	753	675	296	16
17	L	L	0	492	545	609	613	718	931	753	675	293	17
18	O	O	0	466	541	585	617	713	926	748	679	293	18
19	W	W	0	477	545	577	617	713	941	757	692	296	19
20			0	464	545	573	625	722	945	784	589	302	20
21			0	518	553	577	638	718	941	793	477	293	21
22			0	499	522	518	638	739	941	793	484	275	22
23			0	287	531	503	633	770	945	788	492	266	23
24			0	91	573	565	629	802	945	793	492	263	24
25			0	77	569	549	638	833	941	802	522	269	25
26			0	65	565	533	629	842	941	806	503	272	26
27			20	63	549	561	621	838	907	806	477	275	27
28			211	59	531	585	613	829	879	784	484	275	28
29			338	59		585	609	829	865	761	488	263	29
30			481	58		593	613	829	824	766	484	260	30
31			466	67		650		833		770	466		31
MEAN													MEAN
MAX.			481	518	926	709	667	842	955	806	802	426	MAX.
MIN.			0	48	63	415	458	581	820	709	466	260	MIN.
AC. FT.			3007	12268	23074	35745	35300	43439	52809	46821	40336	18942	AC. FT.

Total Acre-Feet 311741

Table B-4 (Cont'd)

WATER YEAR	STATION NO.	STATION NAME
1979		LOWER KAWEAH BELOW PEOPLES DITCH

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	260	226	22	57	61	143	70	388	692	396	629	21	1
2	260	223	22	48	112	107	68	401	688	430	633	19	2
3	269	228	22	46	162	73	125	408	569	477	637	17	3
4	281	234	21	46	160	73	160	405	469	507	613	17	4
5	281	234	22	46	155	93	160	405	430	511	625	16	5
6	275	234	22	46	182	118	214	412	466	541	523	12	6
7	284	206	22	46	228	112	240	412	585	553	585	12	7
8	261	190	22	48	242	107	248	361	589	549	553	13	8
9	281	190	22	48	254	101	248	312	577	537	455	14	9
10	290	190	22	53	269	101	260	287	593	617	401	13	10
11	290	131	22	56	254	99	263	257	605	701	388	13	11
12	290	11	20	56	116	99	263	254	662	683	377	13	12
13	290	11	20	50	50	97	278	257	718	667	367	12	13
14	290	11	20	50	65	99	290	260	744	654	351	13	14
15	290	11	22	148	109	114	284	266	775	657	290	12	15
16	290	11	22	299	182	127	278	278	784	638	122	10	16
17	290	11	22	296	226	95	284	293	793	633	72	9	17
18	290	10	24	281	226	125	312	306	788	667	57	8	18
19	290	10	48	248	226	125	327	299	775	679	33	11	19
20	290	10	83	206	220	109	351	296	722	692	28	10	20
21	287	11	87	204	231	127	377	299	662	701	26	8	21
22	275	11	83	148	226	131	377	388	646	709	24	8	22
23	266	11	66	70	204	112	388	561	605	709	26	7	23
24	263	12	65	89	193	120	281	650	593	709	22	7	24
25	148	10	65	49	226	116	391	646	557	683	23	14	25
26	20	10	65	51	251	89	412	650	492	650	24	13	26
27	24	9	65	48	245	93	394	560	466	638	29	11	27
28	22	12	65	48	180	125	384	675	444	654	31	9	28
29	22	23	65	47	122	122	384	709	412	654	22	9	29
30	145	21	65	45	83	83	384	709	384	638	20	13	30
31	234		65	51	72	72		705		625	19		31
MEAN	290	234	87	299	269	147	412	709	793	709	637	21	MEAN
MAX.	290	234	87	299	269	147	412	709	793	709	637	21	MAX.
MIN.	20	9	20	45	61	72	68	254	384	396	19	7	MIN.
AC. FT.	14614	4983	2535	5998	10423	6559	16850	26180	36268	38002	15878	722	AC. FT.

Total Acre-Feet 179012

WATER YEAR	STATION NO.	STATION NAME
1980		LOWER KAWEAH BELOW PEOPLES DITCH

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	11	0	50	70	565	960	440	511	541	829	617	419	1
2	11	0	50	83	565	965	437	481	545	820	609	373	2
3	9	0	50	112	565	984	433	451	549	770	613	396	3
4	6	0	45	117	565	898	433	451	541	726	631	422	4
5	5	0	34	122	561	879	466	451	569	675	683	444	5
6	9	0	34	122	565	936	484	451	589	625	709	458	6
7	11	0	34	119	565	907	462	481	585	654	683	507	7
8	7	0	34	120	565	884	444	514	593	692	650	533	8
9	2	0	35	122	561	865	426	522	605	696	625	533	9
10	1	0	32	150	557	857	430	531	662	692	621	565	10
11	2	0	32	228	569	815	401	525	731	709	621	583	11
12	4	0	31	344	581	667	364	514	753	726	617	571	12
13	4	0	31	251	585	440	367	514	779	726	642	537	13
14	5	0	29	293	601	455	371	511	784	753	709	532	14
15	7	23	27	384	633	447	377	507	788	770	748	516	15
16	8	27	28	581	565	447	374	514	793	779	744	503	16
17	5	24	29	609	469	462	371	525	795	811	744	211	17
18	4	22	36	650	401	481	514	531	797	802	731	26	18
19	3	19	24	638	405	477	679	531	802	784	709	19	19
20	5	15	24	609	671	473	705	545	802	788	690	9	20
21	7	19	25	589	1149	463	709	561	800	766	671	7	21
22	5	22	29	581	1063	451	692	561	806	718	657	6	22
23	3	22	29	585	1103	447	654	557	811	690	650	7	23
24	2	22	30	589	1078	469	613	557	806	679	650	4	24
25	0	23	31	589	955	511	553	561	824	692	625	4	25
26	4	33	42	581	903	473	499	557	847	707	573	3	26
27	0	63	40	577	907	422	477	541	856	707	532	7	27
28	0	70	47	573	941	437	477	533	856	675	505	14	28
29	0	63	66	561	960	440	511	537	879	623	496	17	29
30	0	48	66	557	557	440	522	541	870	613	486	13	30
31	0		66	561	561	440		541		633	473		31
MEAN	11	70	66	650	1149	984	709	561	879	829	748	583	MEAN
MAX.	11	70	66	650	1149	984	709	561	879	829	748	583	MAX.
MIN.	0	0	24	70	401	422	364	451	541	613	473	3	MIN.
AC. FT.	278	1022	2301	23935	40013	38266	29128	31950	43554	44301	39103	16342	AC. FT.

Total Acre-Feet 310193

Table B-5

DEEP CREEK

Point of Diversion: 6.6 miles below McKay Point on the south bank of Lower Kaweah River in the SW 1/4, Section 22, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 500 cfs.

Location: Prior to 1925, 700 yards below head of creek in the SE 1/4, Section 21, T18S, R26E, MDB&M. Since 1925, 100 yards below head of creek in same section.

Gage: Open-channel section, staff gage and water-stage recorder rated frequently by current meter measurements from a footbridge.

Operating Agencies: Farmers Ditch Company and Tulare Irrigation District.

Gross Service Areas: Farmers Ditch Company, 12,500 acres; Tulare Irrigation District, 75,350 acres.

Period of Record: Intermittent from April 7, 1917 to July 31, 1918 and from October 1, 1919 to April 19, 1920; continuous from April 19, 1920 to current year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		DEEP CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN MAX. MIN. AC. FT.													MEAN MAX. MIN. AC. FT.

NO DIVERSION FOR THE YEAR

Total Acre-Feet 0

Table B-5 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		DEEP CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	49											1
2	0	46											2
3	0	46											3
4	0	30											4
5	0	36											5
6	0	0											6
7	0	0											7
8	0	0											8
9	0	0											9
10	0	0											10
11	0	0											11
12	0	0	N	N	N	N	N	N	N	N	N	N	12
13	0	0	O	O	O	O	O	O	O	O	O	O	13
14	0	0											14
15	0	0											15
16	0	0	F	F	F	F	F	F	F	F	F	F	16
17	0	0	L	L	L	L	L	L	L	L	L	L	17
18	0	0	O	O	O	O	O	O	O	O	O	O	18
19	0	0	W	W	W	W	W	W	W	W	W	W	19
20	0	0											20
21	0	0											21
22	0	0											22
23	0	0											23
24	0	0											24
25	0	0											25
26	0	0											26
27	0	0											27
28	0	0											28
29	18	0											29
30	50	0											30
31	53												31
MEAN													MEAN
MAX.	53	49											MAX.
MIN.	0	0											MIN.
AC. FT.	240	410											AC. FT.

Total Acre-Feet 650

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		DEEP CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	146	0	160	116	154	235	219	202	0	1
2			0	138	0	134	124	152	235	205	199	0	2
3			0	85	0	136	138	163	234	209	205	0	3
4			0	0	0	221	148	174	235	212	213	0	4
5			0	0	0	145	152	175	235	219	214	0	5
6			0	0	0	127	157	176	234	226	214	0	6
7			0	0	39	187	157	176	235	223	213	174	7
8			0	0	45	167	145	172	240	219	213	174	8
9			0	0	61	171	147	183	269	220	208	175	9
10			0	0	126	167	153	194	269	220	212	175	10
11			0	33	136	168	165	187	268	219	209	174	11
12	N	N	0	68	73	166	163	194	268	213	206	170	12
13	O	O	0	66	137	166	166	193	270	209	212	173	13
14			0	62	105	163	167	193	271	204	208	172	14
15			0	67	140	163	170	192	272	204	206	166	15
16	F	F	0	92	149	165	178	197	271	201	208	160	16
17	L	L	0	176	163	165	151	202	268	202	209	159	17
18	O	O	0	166	160	165	150	203	266	209	205	156	18
19	W	W	0	159	162	163	150	203	270	215	209	144	19
20			0	148	165	162	152	205	271	213	127	144	20
21			0	165	165	163	156	207	269	213	0	146	21
22			0	160	165	143	156	204	269	213	0	148	22
23			0	114	170	139	156	208	271	213	0	147	23
24			0	14	183	154	156	210	271	212	0	142	24
25			0	0	181	145	159	220	271	215	0	144	25
26			0	0	179	139	157	225	271	213	0	144	26
27			0	0	185	150	156	231	234	206	0	147	27
28			62	0	185	151	153	229	219	199	0	147	28
29			107	0		151	153	228	227	204	0	146	29
30			143	0		152	154	233	231	205	0	143	30
31			133	0		170		235		205	0		31
MEAN													MEAN
MAX.			143	176	185	221	178	235	272	226	214	175	MAX.
MIN.			0	0	0	127	116	152	219	199	0	0	MIN.
AC. FT.			883	3687	6097	9755	9134	12135	15172	13010	8116	7478	AC. FT.

Total Acre-Feet 85467

Table B-5 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		DEEP CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	142	131		0	0		0	153	166	170	179		1
2	142	130		0	0		0	162	162	173	175		2
3	143	131		0	0		61	170	163	170	178		3
4	147	133		0	0		111	169	166	165	179		4
5	148	134		0	0		106	169	175	162	178		5
6	147	134		0	36		102	170	177	160	181		6
7	146	135		0	82		106	170	178	161	184		7
8	148	136		0	88		109	159	172	161	174		8
9	147	136		0	76		110	157	165	160	90		9
10	149	136		0	68		106	146	173	168	0		10
11	151	127		0	72		106	137	173	168	0		11
12	151	0	N	0	72	N	106	131	170	164	0	N	12
13	151	0	O	0	0	O	107	131	170	163	0	O	13
14	151	0		0	0		107	133	176	165	0		14
15	152	0		46	37		106	131	183	156	0		15
16	152	0	F	88	75	F	105	137	177	157	0	F	16
17	160	0	L	80	76	L	103	132	179	153	0	L	17
18	165	0	O	80	77	O	106	133	182	161	0	O	18
19	165	0	W	62	79	W	106	132	177	168	0	W	19
20	165	0		36	77		111	131	174	184	0		20
21	165	0		36	83		126	133	177	179	0		21
22	165	0		18	83		126	161	174	182	0		22
23	164	0		0	72		127	177	182	181	0		23
24	159	0		0	72		97	175	170	180	0		24
25	144	0		0	71		127	174	169	177	0		25
26	107	0		0	72		135	175	168	170	0		26
27	107	0		0	81		135	177	172	168	0		27
28	107	0		0	52		133	175	170	179	0		28
29	107	0		0	0		133	170	172	188	0		29
30	124	0		0	0		133	167	172	184	0		30
31	130	0		0	0			166		179	0		31
MEAN													MEAN
MAX.	165	136		88	88		135	177	183	188	184		MAX.
MIN.	107	0		0	0		0	131	162	153	0		MIN.
AC. FT.	8928	2902		885	2977		6210	9527	10282	10425	3011		AC. FT.

Total Acre-Feet 55177

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		DEEP CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	17	36	124	75	155	142	149	186	184	155	1
2		0	17	42	121	80	153	125	151	186	174	151	2
3		0	16	44	120	84	152	118	157	178	178	151	3
4		0	14	42	116	73	152	118	157	168	178	150	4
5		0	9	45	109	61	160	119	155	161	180	151	5
6		0	9	45	110	60	169	119	149	157	172	156	6
7		0	10	56	124	190	157	132	139	153	168	157	7
8		0	10	54	122	119	154	133	141	151	170	153	8
9		0	10	61	122	119	156	138	141	151	168	150	9
10		0	9	60	121	112	162	145	149	151	166	156	10
11		0	9	61	121	122	157	145	166	151	170	156	11
12	N	0	9	62	111	122	144	144	166	149	170	143	12
13	O	0	8	42	111	133	148	143	170	151	172	129	13
14		0	8	54	114	131	148	141	172	161	184	125	14
15		5	8	80	116	131	144	141	172	166	186	124	15
16	F	13	8	134	100	131	140	137	182	166	178	122	16
17	L	12	8	142	94	124	138	133	188	170	178	120	17
18	O	10	7	156	93	130	147	137	188	170	180	15	18
19	W	9	7	153	88	140	156	137	190	170	178	0	19
20		7	6	142	106	137	165	135	190	174	178	0	20
21		9	7	133	108	140	173	143	194	166	176	0	21
22		10	8	131	75	141	161	147	198	153	170	0	22
23		10	8	131	93	141	156	147	203	155	161	0	23
24		11	9	132	91	151	151	145	201	157	166	0	24
25		11	9	122	65	160	151	149	196	166	168	0	25
26		27	10	116	68	157	152	145	201	170	157	0	26
27		40	19	114	72	150	145	143	203	170	157	0	27
28		33	21	114	74	154	145	143	203	180	159	0	28
29		25	35	109	80	156	149	145	209	184	161	0	29
30		16	35	113	113	155	152	147	205	186	161	0	30
31			35	121	121	155	155	149		191	157		31
MEAN													MEAN
MAX.		40	35	156	124	160	173	149	209	191	186	52	MAX.
MIN.		0	6	36	68	60	138	118	139	149	157	0	MIN.
AC. FT.		492	783	5647	5889	7803	9108	8499	10483	10219	10522	4887	AC. FT.

Total Acre-Feet 74332

Table B-6

CROCKER CUT FOR TULARE IRRIGATION DISTRICT

Point of Diversion: 7.5 miles below McKay Point on the south bank of Lower Kaweah River in the SE 1/4, Section 21, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 600 cfs.

Location: 100 yards below head of cut in the SW 1/4, Section 21, T18S, R26E, MDB&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements prior to installation of 20-foot Parshall flume in September 1954.

Operating Agency: Tulare Irrigation District.

Gross Service Area: 75,350 acres.

Period of Record: April 7, 1917 to May 30, 1918 and October 1, 1923 to current year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		CROCKER CUT FOR TULARE IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	9										1
2		0	16										2
3		0	10										3
4		0	15										4
5		0	15										5
6		0	13										6
7		0	13										7
8		0	12										8
9		0	9										9
10		0	8										10
11		0	7										11
12	N	0	7	N	N	N	N	N	N	N	N	N	12
13	O	0	7	O	O	O	O	O	O	O	O	O	13
14		8	7										14
15		16	6										15
16	F	17	7	F	F	F	F	F	F	F	F	F	16
17	L	18	7	L	L	L	L	L	L	L	L	L	17
18	O	14	7	O	O	O	O	O	O	O	O	O	18
19	W	10	7	W	W	W	W	W	W	W	W	W	19
20		9	7										20
21		10	6										21
22		10	6										22
23		11	6										23
24		11	6										24
25		11	6										25
26		10	6										26
27		10	6										27
28		12	6										28
29		9	6										29
30		8	0										30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.		18	16										MIN.
AC. FT.		385	482										AC. FT.

Total Acre-Feet 867

Table B-6 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		CROCKER CUT FOR TULARE IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Total Acre-Feet 0.0

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		CROCKER CUT FOR TULARE IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	225	0	260	237	299	160	320	367	295	1
2			0	225	0	271	250	293	170	330	367	293	2
3			0	131	0	267	267	273	170	332	363	289	3
4			0	43	0	394	279	281	170	322	358	295	4
5			0	28	0	309	285	293	168	318	360	248	5
6			0	23	0	246	277	293	167	322	360	91	6
7			0	23	0	332	264	293	208	313	367	0	7
8			0	21	0	350	244	301	225	311	369	0	8
9			0	22	219	345	246	311	233	324	363	0	9
10			0	25	515	335	260	326	230	330	363	0	10
11			0	22	318	337	277	333	225	320	365	0	11
12	N	N	0	21	248	332	275	337	223	315	367	0	12
13	O	O	C	19	285	324	279	337	223	320	371	0	13
14			0	17	238	318	281	328	221	324	365	0	14
15			0	17	244	318	283	324	219	320	363	0	15
16	F	F	0	64	242	318	330	320	215	318	371	0	16
17	L	L	0	144	252	330	315	318	209	313	371	0	17
18	O	O	0	134	248	328	313	307	206	305	378	0	18
19	W	W	0	151	244	326	313	305	206	315	375	0	19
20			0	149	240	326	315	305	206	365	373	0	20
21			0	171	238	337	318	295	206	369	371	0	21
22			0	164	238	301	315	281	206	369	371	0	22
23			0	102	250	267	313	206	197	371	380	0	23
24			0	18	299	303	313	177	195	367	380	0	24
25			0	10	337	301	318	168	192	360	398	0	25
26			0	10	337	291	313	167	190	360	396	0	26
27			0	9	289	289	309	167	254	360	369	0	27
28			0	9	258	301	305	165	324	369	363	0	28
29			81	0	295	295	301	165	348	369	380	0	29
30			223	0	295	295	301	162	322	363	373	0	30
31			215	0	311	311	311	162	322	365	341	0	31
MEAN			223	225	515	394	330	337	248	371	398	295	MEAN
MAX.			0	0	0	246	237	162	160	311	341	0	MAX.
MIN.			1029	3961	10987	19155	17249	16447	12869	20745	22727	2997	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 128166

Table B-6 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CROCKER CUT FOR TULARE IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	41	5		0		248	10	294		1
2			0	0	30		0		244	46	295		2
3			0	0	79		0		76	91	297		3
4			0	0	79		0		0	124	281		4
5			0	0	77		0		0	130	287		5
6			0	0	71		33		32	170	267		6
7			0	0	68		86		154	182	242		7
8			0	0	81		88		158	182	269		8
9			0	0	84		89		142	182	269		9
10			0	0	80		99		162	258	252		10
11			0	0	47		104		178	350	235		11
12	N		0	0	8	N	104	N	219	350	223	N	12
13	O	O	0	0	0	O	109	O	256	348	213	O	13
14			0	0	0		111		269	343	198		14
15			0	25	0		105		271	352	133		15
16	F	F	0	116	0	F	102	F	271	343	53	F	16
17	L	L	0	135	0	L	99	L	273	341	14	L	17
18	O	O	0	124	0	O	107	O	256	348	10	O	18
19	W	W	0	108	0	W	105	W	240	343	10	W	19
20			44	83			102		217	348	0		20
21			49	80	0		102		180	352	0		21
22			50	35	0		102		176	352	0		22
23			44	0	0		104		182	354	0		23
24			43	0	0		76		185	346	0		24
25			43	0	0		101		142	307	0		25
26			43	0	0		104		91	283	0		26
27			43	0	0		99		71	275	0		27
28			43	0	0		99		52	273	0		28
29			43	0	0		99		20	273	0		29
30			43	0	0		99		4	275	0		30
31			43	0	0					287	0		31
MEAN			50	135	84		111		273	354	297		MEAN
MAX.			0	0	0		0		0	10	0		MAX.
MIN.			1053	1482	1406		4816		9459	16300	7621		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 42137

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		CROCKER CUT FOR TULARE IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	222	510	46	201	231	252	12	0	1
2				0	227	510	46	200	231	252	0	21	2
3				0	230	517	44	195	234	232	0	54	3
4				0	227	485	44	195	235	214	20	70	4
5				0	232	459	49	195	245	194	41	132	5
6				0	235	461	55	195	259	170	53	159	6
7				0	235	442	48	215	245	180	46	163	7
8				0	235	421	34	243	245	182	15	140	8
9				0	235	407	23	240	247	182	0	132	9
10				0	233	403	25	233	300	178	0	167	10
11				102	233	375	26	231	340	182	0	184	11
12	N		N	170	232	303	23	228	356	176	12	202	12
13	O	O	O	86	232	162	23	228	376	176	30	200	13
14				111	233	133	22	228	376	194	40	199	14
15				155	238	110	23	227	374	218	48	195	15
16	F	F	F	223	213	104	21	228	362	218	53	190	16
17	L	L	L	221	172	110	23	231	344	218	51	95	17
18	O	O	O	236	142	110	112	235	324	196	48	10	18
19	W	W	W	232	134	125	348	235	308	174	40	0	19
20				225	250	121	360	240	306	178	24	0	20
21				223	530	119	360	247	308	164	0	0	21
22				218	545	118	350	245	298	134	0	0	22
23				220	537	115	310	243	294	98	0	0	23
24				220	527	136	270	243	286	87	0	0	24
25				221	480	160	250	245	262	84	0	0	25
26				221	466	106	184	242	264	82	0	0	26
27				220	466	44	178	237	262	77	0	0	27
28				218	485	46	176	235	260	64	21	0	28
29				215	510	47	185	233	264	34	40	0	29
30				217	46	46	201	233	258	25	41	0	30
31				220	46	46		231		26	0	0	31
MEAN				236	545	517	360	247	376	252	53	202	MEAN
MAX.				0	134	44	21	195	231	25	0	0	MAX.
MIN.				8279	17725	14382	7654	13998	17264	9602	1260	4588	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 94752

Table B-7

TULARE IRRIGATION COMPANY CANAL

Point of Diversion: 8.5 miles below McKay Point on the south bank of Lower Kaweah River in the NE 1/4, Section 20, T18S, R26E, M08&M.

Maximum Diversion Capacity: 140 cfs.

Location: 100 yards below head of canal in the NE 1/4, Section 20, T18S, R26E, M08&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements prior to installation of 10-foot Parshall flume in 1957.

Operating Agency: Tulare Irrigation Company.

Gross Service Area: 7,300 acres.

Period of Record: Continuous from May 1, 1917 to September 30, 1918; no record for water year ending September 30, 1919; intermittent during 1920 prior to April 13, but continuous after April 13 to September 30, 1921; no records from October 1, 1921 to September 30, 1923; continuous from October 1, 1923 to current year.

Remarks: Includes water from Ketchum Ditch (Table B-19b).

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		TULARE IRRIGATION COMPANY CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	35			1
2									0	37			2
3									0	39			3
4									0	39			4
5									0	39			5
6									0	40			6
7									0	42			7
8									0	32			8
9									0	0			9
10									0	0			10
11									0	0			11
12	N	N	N	N	N	N	N	N	0	0	N	N	12
13	O	O	O	O	O	O	O	O	8	0	O	O	13
14									24	0			14
15									29	0			15
16	F	F	F	F	F	F	F	F	34	0	F	F	16
17	L	L	L	L	L	L	L	L	37	0	L	L	17
18	O	O	O	O	O	O	O	O	38	0	O	O	18
19	W	W	W	W	W	W	W	W	43	0	W	W	19
20									43	0			20
21									43	0			21
22									43	0			22
23									46	0			23
24									52	0			24
25									47	0			25
26									42	0			26
27									41	0			27
28									40	0			28
29									41	0			29
30									41	0			30
31									41	0			31
MEAN									52	42			MEAN
MAX.									0	0			MAX.
MIN.									1373	601			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1974

Table B-7 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		TULARE IRRIGATION COMPANY CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	30											1
2	0	0											2
3	0	0											3
4	0	0											4
5	0	0											5
6	0	0											6
7	0	0											7
8	0	0											8
9	0	0											9
10	0	0											10
11	0	0	N	N	N	N	N	N	N	N	N	N	11
12	0	0	O	O	O	O	O	O	O	O	O	O	12
13	0	0											13
14	0	0											14
15	0	0											15
16	0	0	F	F	F	F	F	F	F	F	F	F	16
17	0	0	L	L	L	L	L	L	L	L	L	L	17
18	0	0	O	O	O	O	O	O	O	O	O	O	18
19	0	0	W	W	W	W	W	W	W	W	W	W	19
20	0	0											20
21	0	0											21
22	0	0											22
23	0	0											23
24	0	0											24
25	0	0											25
26	0	0											26
27	20	0											27
28	74	0											28
29	66	0											29
30	45	0											30
31	45												31
MEAN	74	30											MEAN
MAX.	0	0											MAX.
MIN.	0	0											MIN.
AC. FT.	496	60											AC. FT.

Total Acre-Feet 556

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		TULARE IRRIGATION COMPANY CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	0	25	35	31	53	46	104	82	1
2				0	0	25	37	31	53	46	105	60	2
3				0	0	27	38	31	53	46	105	60	3
4				0	0	31	35	30	53	46	104	60	4
5				0	0	25	34	30	54	46	103	52	5
6				0	0	24	34	30	54	45	103	41	6
7				0	5	46	32	30	53	50	103	40	7
8				0	35	40	31	29	52	50	114	38	8
9				0	49	40	31	30	52	49	125	35	9
10				0	52	41	31	30	52	49	125	32	10
11				0	26	41	31	30	52	49	128	32	11
12	N	N	N	0	13	41	31	30	52	49	128	31	12
13	O	O	O	9	31	38	31	30	52	49	128	40	13
14				27	27	39	31	30	53	49	127	45	14
15				23	26	39	31	30	54	75	114	45	15
16	F	F	F	14	27	41	32	32	54	98	86	45	16
17	L	L	L	36	28	40	32	49	54	103	91	47	17
18	O	O	O	33	28	38	32	49	54	100	101	47	18
19	W	W	W	33	28	38	32	49	54	101	115	46	19
20				28	28	39	32	49	54	111	107	46	20
21				32	28	39	32	49	54	111	107	46	21
22				33	27	40	32	49	54	111	109	45	22
23				23	24	39	32	51	54	106	116	45	23
24				11	25	40	32	51	54	98	117	45	24
25				0	25	40	32	52	55	101	121	45	25
26				0	25	40	31	52	55	110	116	45	26
27				0	25	40	31	52	50	113	109	45	27
28				0	25	38	31	52	46	111	103	45	28
29				0		38	31	53	46	105	113	45	29
30				0		38	31	53	46	105	111	45	30
31				0		38	31	53		105	97		31
MEAN				36	52	46	38	53	55	113	128	82	MEAN
MAX.				0	0	24	31	29	46	45	86	31	MAX.
MIN.				599	1204	2277	1982	2473	3126	4826	6813	2727	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 26027

Table B-7 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		TULARE IRRIGATION COMPANY CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	45				0	7	28	23	30	66	63		1
2	45				0	7	27	31	30	65	67		2
3	45				0	0	16	30	30	65	65		3
4	45				0	0	6	27	31	65	66		4
5	45				0	0	11	23	31	65	65		5
6	45				0	0	21	23	30	64	62		6
7	45				0	0	18	23	30	64	62		7
8	45				0	0	21	23	30	64	68		8
9	45				0	0	23	23	30	63	70		9
10	45				0	0	24	15	30	61	67		10
11	45				0	0	14	6	30	62	67		11
12	45	N	N	N	0	0	11	0	30	62	66	N	12
13	45	O	O	O	0	0	11	0	31	64	66	O	13
14	45				0	0	11	0	31	66	65		14
15	45				0	0	11	0	29	67	66		15
16	45				0	0	11	0	29	66	59		16
17	45	F	F	F	0	0	11	0	29	66	0	F	17
18	45	L	L	L	0	0	11	0	43	67	0	L	18
19	45	O	O	O	0	0	11	0	65	67	0	O	19
20	45	W	W	W	0	0	11	0	64	66	0	W	20
21	45				0	0	11	0	64	65	0		21
22	45				0	0	11	0	63	64	0		22
23	43				0	0	11	12	63	65	0		23
24	40				0	0	11	30	64	65	0		24
25	34				24	0	11	30	64	66	0		25
26	7				36	0	11	30	61	67	0		26
27	6				33	8	12	30	69	67	0		27
28	6				23	15	14	30	66	65	0		28
29	8					15	14	30	66	65	0		29
30	9					25	14	30	66	64	0		30
31	.0					29		30		62	0		31
MEAN													MEAN
MAX.	45				36	29	28	31	69	67	70		MAX.
MIN.	0				0	0	6	0	29	61	0		MIN.
AC. FT.	2267				230	210	849	990	2636	3987	2071		AC. FT.

Total Acre-Feet 13240

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		TULARE IRRIGATION COMPANY CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	40	37	26	39	39	41	70	45	1
2				0	40	39	7	39	39	41	70	0	2
3				0	40	39	25	39	38	41	70	0	3
4				0	40	37	40	39	38	40	70	0	4
5				0	40	37	40	39	38	40	70	0	5
6				0	40	37	40	38	39	38	70	0	6
7				0	40	37	40	38	40	59	70	14	7
8				0	40	36	40	40	40	86	70	76	8
9				0	40	36	40	40	40	87	70	86	9
10				0	40	39	40	40	40	84	72	101	10
11				0	40	40	39	40	41	86	75	101	11
12	N	N	N	0	40	40	39	40	41	89	78	101	12
13	O	O	O	0	40	35	39	40	38	93	78	103	13
14				10	40	37	39	40	38	84	77	101	14
15				37	40	37	40	40	38	69	77	90	15
16				39	40	37	40	41	37	68	76	75	16
17	F	F	F	39	40	36	40	41	40	68	73	0	17
18	L	L	L	40	39	39	40	41	40	70	73	0	18
19	O	O	O	40	37	39	39	41	40	69	75	0	19
20	W	W	W	39	40	40	39	40	40	70	75	0	20
21				39	40	40	39	40	40	72	75	0	21
22				39	40	40	39	39	40	70	75	0	22
23				39	40	40	39	39	40	70	75	0	23
24				39	40	40	39	37	40	70	75	0	24
25				40	40	39	40	37	40	70	76	0	25
26				40	39	40	40	37	40	71	76	0	26
27				40	37	40	40	39	40	71	76	0	27
28				40	37	41	39	39	40	72	76	0	28
29				40	37	41	39	39	40	70	76	0	29
30				40		41	39	39	40	70	76	0	30
31				40		41		39		70	75	0	31
MEAN													MEAN
MAX.				40	40	41	40	41	41	93	78	103	MAX.
MIN.				0	36	35	7	37	37	38	70	0	MIN.
AC. FT.				1349	2265	2376	2229	2418	2348	4161	4542	1771	AC. FT.

Total Acre-Feet 23459

Table B-8

FLEMING DITCH

Point of Diversion: 9.5 miles below McKay Point on the north bank of Lower Kaweah River in the NE 1/4, Section 19, T18S, R26E, M08&M.

Maximum Diversion Capacity: 26 cfs.

Location: 100 yards below head of canal in the NE 1/4, Section 19, T18S, R26E, M08&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements prior to installation of 5-foot Parshall flume in 1959.

Operating Agency: Fleming Ditch Company.

Gross Service Area: 1,700 acres.

Period of Record: Intermittent during 1917 and 1920; no record during 1919 and 1923; continuous from April 13, 1920 to September 30, 1922 and from October 1, 1923 to current year.

Remarks: Includes water from Ketchum Ditch (Table B-19a).

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		FLEMING DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	6.2				0	9.6	16.0		1
2				0	6.2				0	9.9	15.9		2
3				0	6.2				0	9.9	18.2		3
4				0	6.5				0	9.9	20.0		4
5				0	6.5				0	9.9	19.9		5
6				0	6.9				.9	12.7	15.6		6
7				0	6.5				3.4	14.5	12.4		7
8				0	5.4				3.3	14.7	12.4		8
9				0	5.1				6.0	14.9	12.1		9
10				2.8	1.8				7.1	14.9	12.5		10
11				5.6	1.5				9.5	14.9	11.5		11
12	N	N	N	5.8	.7	N	N	N	11.4	15.0	11.9	N	12
13	O	O	O	5.8	.6	O	O	O	11.4	15.5	12.4	O	13
14				5.7	.8				11.5	15.6	12.5		14
15				5.6	1.2				12.0	15.5	10.9		15
16	F	F	F	3.5	1.3	F	F	F	12.4	10.6	11.6	F	16
17	L	L	L	0	1.2	L	L	L	11.9	6.7	11.8	L	17
18	O	O	O	0	1.0	O	O	O	12.0	6.5	12.0	O	18
19	W	W	W	0	.5	W	W	W	8.9	6.5	14.0	W	19
20				0	0				5.6	6.7	14.0		20
21				0	0				5.1	6.9	12.9		21
22				0	0				6.7	10.6	13.1		22
23				2.9	0				8.4	12.7	12.7		23
24				5.8	0				9.4	11.9	15.5		24
25				5.8	0				9.4	11.6	13.8		25
26				5.8	0				9.4	12.0	12.4		26
27				5.8	0				9.5	14.0	8.2		27
28				5.8	0				9.4	15.5	.4		28
29				5.8	0				9.3	16.0	0		29
30				5.9					9.4	16.0	0		30
31				6.2						16.0	0		31
MEAN				6.2	6.9				12.4	16.0	16.0		MEAN
MAX.				0	0				0	6.5	0		MAX.
MIN.				168	131				423	749	727		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2198

Table B-8 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		FLEMING DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0		0	3.0	Includes water released from Ketchum Ditch storage and diverted in the Lower Kaweah.			0	20.5	13.8		1
2		0		0	5.1				0	18.8	18.0		2
3		2.7		0	5.1				0	17.9	18.0		3
4		5.2		0	5.1				0	18.8	10.5		4
5		5.1		0	3.5				0	17.1	15.6		5
6		1.0		0	0				0	15.6	20.6		6
7		4.0		0	0				0	15.0	21.2		7
8		0		0	0				0	10.4	21.6		8
9		0		0	0				0	8.0	16.6		9
10		0		0	0				0	7.9	13.6		10
11		0		0	0				0	6.9	18.0		11
12	N	0	N	0	0	N	N	N	0	4.6	12.6	N	12
13	O	0	O	0	0	O	O	O	0	4.5	11.0	O	13
14		0		0	0				0	7.0	14.6		14
15		0		0	0				0	15.1	15.4		15
16	F	1.6	F	0	0	F	F	F	0	20.2	14.1	F	16
17	L	4.2	L	0	0	L	L	L	0	20.8	14.4	L	17
18	O	4.9	O	0	0	O	O	O	0	20.0	17.4	O	18
19	W	4.9	W	0	0	W	W	W	0	20.0	17.4	W	19
20		4.7		0	0				0	20.8	18.6		20
21		4.4		0	0				0	21.6	0		21
22		4.4		C	0				9.6	20.8	0		22
23		2.7		0	0				10.3	17.5	0		23
24		1.0		0	0				10.1	16.2	0		24
25		0		0	0				17.4	16.7	0		25
26		0		2.8	0				18.9	14.8	0		26
27		0		4.9	0				18.5	13.2	0		27
28		0		4.9	0				18.6	12.4	0		28
29		0		4.9	0				20.1	11.3	0		29
30		0		4.9	0				20.7	10.6	0		30
31		0		4.9	0					12.0	0		31
MEAN									20.7	21.6	21.6		MEAN
MAX.		5.2		4.9	5.1				0	21.6	21.6		MAX.
MIN.		0		0	0				0	4.5	0		MIN.
AC. FT.		101		54	43.2				286	906	641		AC. FT.

Total Acre-Feet 2420

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		FLEMING DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	5.6	8.4	5.6	6.9	11.6	22.0	16.0	16.3	1
2				0	5.8	8.0	5.6	6.9	12.7	21.9	16.0	17.5	2
3				0	6.0	7.1	6.0	6.9	12.7	21.3	16.9	15.8	3
4				0	5.6	7.3	6.9	6.9	12.1	20.9	19.1	15.8	4
5				0	5.6	5.6	7.3	6.9	11.9	20.9	19.4	15.5	5
6				2.8	5.8	4.9	7.3	6.9	11.9	20.2	19.4	13.5	6
7				6.2	5.8	5.1	7.3	6.9	11.4	21.2	19.4	12.4	7
8				6.0	5.4	5.8	7.5	6.9	11.1	20.9	19.4	12.9	8
9				6.1	6.5	6.0	7.5	6.9	10.9	20.2	19.7	12.1	9
10				6.7	5.4	6.0	6.7	7.1	10.9	18.8	20.0	10.9	10
11				6.7	1.3	6.0	6.9	8.9	11.4	13.5	20.3	10.9	11
12	N	N	N	6.0	.9	6.0	6.9	9.9	11.6	12.4	20.3	10.1	12
13	O	O	O	6.0	.9	6.0	6.9	9.9	12.1	12.4	19.1	10.1	13
14				5.6	1.3	6.0	6.9	9.9	12.7	14.6	17.5	9.9	14
15				5.8	2.4	6.0	6.9	9.9	13.5	16.6	16.9	9.9	15
16	F	F	F	6.6	3.3	6.0	6.9	10.6	14.0	16.9	15.8	9.9	16
17	L	L	L	7.7	3.4	5.8	6.9	11.1	14.3	16.0	15.5	9.9	17
18	O	O	O	7.7	2.8	5.4	7.1	11.4	14.9	16.6	15.2	9.9	18
19	W	W	W	5.9	2.7	5.4	7.1	11.4	15.2	16.3	16.0	9.9	19
20				4.3	2.1	5.4	7.1	11.4	15.2	17.8	16.3	9.9	20
21				4.1	1.8	5.6	7.1	11.4	15.2	19.4	16.3	9.9	21
22				3.6	1.6	5.6	7.1	11.4	15.2	17.5	16.3	9.9	22
23				3.2	1.5	5.4	7.1	11.1	15.2	17.5	16.6	9.6	23
24				3.3	5.2	5.4	7.1	10.9	21.3	19.1	16.9	9.6	24
25				4.9	10.6	5.6	7.1	10.9	23.3	20.3	17.8	9.4	25
26				5.1	10.6	5.6	7.1	11.1	23.3	20.6	18.1	9.4	26
27				5.7	10.3	5.6	7.1	10.9	20.2	20.3	16.6	9.4	27
28				5.6	8.7	5.6	7.1	10.9	21.2	19.4	16.0	9.4	28
29				5.4	5.6	5.6	6.9	10.9	23.2	16.0	16.6	9.4	29
30				5.4	5.6	5.6	6.9	10.6	23.3	16.3	16.6	9.4	30
31				5.4	5.8	5.8	5.8	10.3		16.3	15.5		31
MEAN									23.3	22.0	20.3	17.5	MEAN
MAX.				7.7	10.6	8.4	7.5	11.4	23.3	22.0	20.3	17.5	MAX.
MIN.				0	.9	4.9	5.6	6.9	10.9	12.4	15.2	9.4	MIN.
AC. FT.				281	256	364	412	583	900	1119	1074	671	AC. FT.

Total Acre-Feet 5660

Table B-8 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		FLEMING DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9.4	5.4	Includes water released from Ketchum Ditch Storage and diverted in the Lower Kaweah.			0	3.6	11.4	16.6	19	16.3		1
2	9.4	5.4				0	3.6	11.4	16.6	19	17.2		2
3	9.1	5.4				0	4.1	11.4	16.6	17.5	17.5		3
4	9.1	5.4				0	3.1	11.6	17.2	12.9	17.2		4
5	9.1	5.4				0	3.1	11.6	17.8	9.6	17.2		5
6	9.1	5.4				0	4.5	11.6	20	9.4	16.9		6
7	9.1	5.3				0	3.6	11.6	15.5	9.1	13.8		7
8	9.1	5.1				0	3.8	11.6	17.8	9.1	12.1		8
9	9.1	5.1				0	4	11.6	18.4	8.9	13.8		9
10	9.4	5.1				0	5.2	11.4	15.2	8.4	16.3		10
11	9.4	4.9				0	5.6	11.4	15.2	8.4	18.1		11
12	9.4	4	N	N	N	0	5.8	11.6	17.8	8.9	17.2	N	12
13	9.4	3.4	O	O	O	0	6.2	11.6	15.8	9.9	17.8	O	13
14	9.4	3.4				0	6.9	11.9	15.8	9.6	20		14
15	9.4	3.4				0	7.3	12.1	15.8	9.9	21		15
16	9.4	3.1	F	F	F	0	7.3	12.4	16	9.9	9.1	F	16
17	9.1	3.1	L	L	L	0	7.3	12.7	16.3	9.4	1.4	L	17
18	8.7	2.5	O	O	O	0	7.5	12.9	16.3	11.6	0	O	18
19	8.7	2	W	W	W	0	8.4	12.9	18.1	14	0	W	19
20	8.7	2				0	8.7	12.9	17.5	13.8	0		20
21	8.7	0				0	10.6	13.2	19.1	12.7	0		21
22	8.4	0				0	11.4	14.9	21	12.4	0		22
23	8.4	0				0	11.6	18.1	22	13.5	0		23
24	8.2	0				0	11.9	16.3	22	14.9	0		24
25	7.7	0				0	12.4	16.3	22	16.6	0		25
26	5.2	0				0	12.4	16.3	23	16.9	0		26
27	5.1	0				2.8	12.1	16.6	25	16.3	0		27
28	5.1	0				4.5	11.4	16.6	25	15.8	0		28
29	5.1	0				4.9	11.4	16.6	25	15.8	0		29
30	5.1	0				4.3	11.4	15.5	23	15.8	0		30
31	5.4	0				3.8		17.8		15.2	0		31
MEAN													MEAN
MAX.	9.4	5.4				4.9	12.4	18.1	25	19	21		MAX.
MIN.	5.1	0				0	3.1	11.4	15.2	8.4	0		MIN.
AC. FT.	508	168				40	449	825	1118	782	521		AC. FT.

Total Acre-Feet 4411

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		FLEMING DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	8.9	14.3	10.3	19.9	10.6	14.3	1
2						0	11.0	14.3	10.3	17.0	12.8	11.6	2
3						0	11.9	12.1	9.9	18.0	19.0	9.9	3
4						0	12.9	11.1	9.9	22.5	21.2	9.6	4
5						0	14.9	11.1	9.6	23.2	22.0	8.9	5
6						0	15.2	11.4	9.4	22.2	22.0	8.7	6
7						0	14.0	11.4	10.1	21.6	22.0	8.9	7
8						0	12.7	10.9	10.6	24.4	19.0	8.9	8
9						0	12.4	12.7	12.7	23.5	13.8	9.1	9
10						0	12.1	16.3	17.2	20.1	13.0	4.2	10
11						0	11.9	16.0	17.2	17.0	13.0	3.7	11
12	N	N	N	N	N	0	11.6	16.0	16.7	16.8	13.2	9.1	12
13	O	O	O	O	O	0	11.3	16.0	18.4	17.0	12.4	10.4	13
14						0	11.1	14.0	22.2	17.3	13.2	8.2	14
15						0	11.9	11.1	22.2	16.0	16.3	7.3	15
16	F	F	F	F	F	0	12.4	10.6	22.5	15.7	16.9	6.9	16
17	L	L	L	L	L	0	12.4	10.9	18.8	16.3	16.9	6.7	17
18	O	O	O	O	O	0	12.1	10.9	19.4	17.5	17.2	2.5	18
19	W	W	W	W	W	5.4	11.4	10.9	19.9	17.5	17.2	1.3	19
20						5.1	12.4	10.9	20.4	17.5	19.1	1.3	20
21						6.3	12.7	11.1	21.2	17.5	21.8	1.3	21
22						7.3	14.6	14.6	21.9	20.6	22.4	0	22
23						7.3	16.0	16.0	18.5	24.6	16.9	0	23
24						7.3	16.0	15.8	15.5	24.9	16.3	0	24
25						6.2	14.9	15.8	16.2	23.1	15.8	0	25
26						7.7	13.5	15.8	18.9	21.5	13.8	0	26
27						8.4	13.2	12.4	19.8	21.5	9.9	0	27
28						8.4	12.4	10.3	20.1	21.5	9.9	0	28
29						8.2	12.9	10.3	20.4	20.0	14.0	0	29
30						8.2	14.9	10.6	21.0	10.9	16.0	0	30
31						8.2		10.6		13.0	15.5		31
MEAN													MEAN
MAX.						8.4	16.0	16.3	22.5	24.9	22.4	14.3	MAX.
MIN.						0	8.9	10.3	9.4	10.9	9.9	0	MIN.
AC. FT.						186	765	786	994	1190	998	303	AC. FT.

Total Acre-Feet 5222

Table B-9

PACKWOOD CREEK FROM LOWER KAWEAH

Point of Diversion: 11.25 miles below McKay Point at the point of bifurcation of the Lower Kaweah River into Packwood and Mill Creeks, in the NW 1/4, Section 25, T18S, R25E, MUB&M.

Maximum Diversion Capacity: 465 cfs.

Location: Prior to 1940, 1 mile below head of creek in the SE 1/4, Section 26, T18S, R25E, MUB&M. From 1940 to 1954, 0.75 mile below the head of creek in same section. After 1954, 100 yards below head of creek near the west line of the NW 1/4, Section 25, T18S, R25E, MUB&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements prior to installation of 15-foot Parshall flume in September 1954.

Operating Agencies: Packwood Canal Company through 1948; Tulare Irrigation District thereafter.

Gross Service Area: 15,000 acres.

Period of Record: Intermittent during the years ending September 30, 1919 and 1925; no record for the year ending September 30, 1923; continuous from October 1, 1917 to September 30, 1918, from October 1, 1919 to September 30, 1922, from October 1, 1923 to September 30, 1924, and from October 1, 1925 to current year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		PACKWOOD CREEK FROM LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	26	25	0		Includes Central Valley Project water February 20-25.						1
2		0	54	26	0								2
3		0	66	26	0								3
4		0	83	26	0								4
5		0	88	26	0								5
6		0	80	27	0								6
7		0	76	13	0								7
8		0	87	11	0								8
9		0	89	0	0								9
10		0	80	0	0								10
11		0	81	0	0								11
12	N	0	83	0	0	N	N	N	N	N	N	N	12
13	O	0	80	0	0	O	O	O	O	O	O	O	13
14		0	79	0	0								14
15		0	76	0	0								15
16	F	0	78	0	0	F	F	F	F	F	F	F	16
17	L	0	78	0	0	L	L	L	L	L	L	L	17
18	O	0	76	0	0	O	O	O	O	O	O	O	18
19	W	0	70	0	0	W	W	W	W	W	W	W	19
20		0	71	0	36								20
21		0	74	0	86								21
22		8	74	0	90								22
23		26	62	0	90								23
24		27	57	0	85								24
25		30	66	0	52								25
26		36	60	0	0								26
27		36	47	0	0								27
28		34	48	0	0								28
29		23	39	0	0								29
30		22	28	0	0								30
31			23	0	0								31
MEAN													MEAN
MAX.		36	89	27	90								MAX.
MIN.		0	23	0	0								MIN.
AC. FT.		480	4124	357	871								AC. FT.

Total Acre-Feet 5832

Table B-9 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		PACKWOOD CREEK FROM LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		PACKWOOD CREEK FROM LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	90	0	12	36	65	200	25		0	1
2			0	96	0	11	38	65	203	20		43	2
3			0	82	0	38	48	60	201	17		49	3
4			0	16	0	87	69	62	200	15		49	4
5			0	4	0	86	73	68	200	13		34	5
6			0	0	0	46	70	67	198	0		12	6
7			0	0	0	72	62	66	170	0		13	7
8			0	0	0	99	53	58	147	0		30	8
9			0	0	62	108	54	54	142	0		36	9
10			0	9	123	99	50	51	152	0		32	10
11	N	N	0	9	29	96	47	52	152	0	N	50	11
12	O	O	0	3	8	92	47	53	152	0	O	106	12
13			0	2	35	87	49	52	147	0		121	13
14			0	0	20	72	54	54	171	0		80	14
15			0	15	33	72	57	54	215	0		67	15
16	F	F	0	34	62	71	70	51	213	0	F	64	16
17	L	L	0	41	64	62	61	47	201	0	L	64	17
18	O	O	0	19	51	52	58	46	197	0	O	68	18
19	W	W	0	30	51	55	58	46	204	0	W	65	19
20			0	40	51	59	58	46	210	0		66	20
21			0	69	52	66	61	46	229	0		66	21
22			0	68	47	62	61	70	234	0		65	22
23			0	51	41	51	57	162	237	0		62	23
24			0	11	58	64	62	193	238	0		59	24
25			0	0	68	61	67	204	242	0		60	25
26			0	0	68	58	67	201	244	0		58	26
27			0	0	43	58	65	204	181	0		56	27
28			0	0	38	59	65	207	89	0		57	28
29			46	0	0	62	64	213	59	0		55	29
30			53	0	0	62	65	216	41	0		54	30
31			88	0	0	69	0	210	0	0		0	31
MEAN			88	96	123	108	73	216	244	25		121	MEAN
MAX.			0	0	0	11	36	46	41	0		0	MAX.
MIN.			371	1367	1991	4062	3463	6036	10848	179		3255	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 31572

Table B-9 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		PACKWOOD CREEK FROM LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	54	54			0	15	0	21	68				1
2	54	65			11	29	0	13	64				2
3	51	58			47	12	0	9	64				3
4	51	51			47	12	0	8	72				4
5	54	52			46	6	0	9	60				5
6	51	53			34	0	0	9	29				6
7	36	34			19	0	0	9	11				7
8	28	0			7	0	0	0	44				8
9	29	0			0	0	0	0	55				9
10	30	0			0	0	0	0	46				10
11	32	0			0	0	0	0	45				11
12	41	0	N	N	0	0	0	0	51	N	N	N	12
13	51	0	O	O	0	0	0	0	69	O	O	O	13
14	55	0			0	0	0	0	72				14
15	55	0			0	0	0	0	85				15
16	68	0	F	F	15	0	0	0	99	F	F	F	16
17	77	0	L	L	72	0	0	0	100	L	L	L	17
18	60	0	O	O	72	0	0	0	100	O	O	O	18
19	52	0	W	W	72	0	0	0	56	W	W	W	19
20	52	0			57	0	0	0	45				20
21	52	0			49	0	0	0	30				21
22	51	0			51	0	0	0	14				22
23	49	0			38	0	0	51	0				23
24	46	0			27	0	0	16	0				24
25	38	0			36	0	0	11	0				25
26	6	0			53	0	0	12	0				26
27	6	0			51	0	0	13	0				27
28	0	0			26	14	0	28	0				28
29	0	0				19	0	64	0				29
30	0	0				0	12	75	0				30
31	25							68					31
MEAN													MEAN
MAX.	77	65			57	29	12	75	100				MAX.
MIN.	0	0			0	0	0	0	0				MIN.
AC. FT.	2487	728			1646	212	24	825	2537				AC. FT.

Total Acre-Feet 8459

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		PACKWOOD CREEK FROM LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes	0	21	27	93	118	51	28	38	180	225	37	1
2	water from	0	23	30	112	119	78	32	38	168	223	17	2
3	Packwood	0	24	54	119	123		42	31	157	223	0	3
4	Canal	0	24	63	122	124	41	35	27	150	233	0	4
5	in Table B	0	14	68	124	137	38	33	34	147	244	0	5
6		0	11	67	125	139	38	38	22	148	241		6
7		0	8	68	128	134	36	38	29	160	237	0	7
8		0	8	76	119	119	35	39	30	173	230	0	8
9		0	8	76	123	104	35	45	28	170	228	0	9
10		0	8	66	125	111	35	41	26	160	228	0	10
11		0	6	52	125	120	36	40	27	163	205	0	11
12	N	0	6	76	125	101	34	37	31	175	184	0	12
13	O	0	5	51	125	41	32	36	39	184	187	0	13
14		0	6	54	125	55	31	36	41	188	198	0	14
15		0	5	52	124	58	34	36	41	192	200	0	15
16	F	0	5	78	121	54	34	35	51	200	200	0	16
17	L	0	3	78	109	58	38	34	76	222	200	0	17
18	O	0	3	87	19	57	37	36	92	240	195	0	18
19	W	0	1	89	8	47	31	35	119	237	181	0	19
20		0	1	80	50	40	40	35	123	238	173	0	20
21		0	3	71	160	34	39	35	128	237	175	0	21
22		0	9	73	219	33	35	38	128	231	173	0	22
23		0	10	73	209	32	43	44	125	238	173	0	23
24		0	10	75	184	30	45	36	135	228	173	0	24
25		0	10	68	147	25	41	35	166	228	157	0	25
26		0	11	65	125	33	40	35	186	243	125	0	26
27		0	11	66	127	35	34	35	186	244	95	0	27
28		0	9	66	123	36	32	31	183	248	34	0	28
29		20	24	64	120	39	30	34	187	210	8	0	29
30		19	26	60		39	28	37	190	213	24	0	30
31			26	60		38		34		227	42	0	31
MEAN													MEAN
MAX.		19	26	89	219	139	78	45	190	248	244	37	MAX.
MIN.		0	1	27	8	25	28	28	22	147	8	17	MIN.
AC. FT.		77	672	4032	7012	4429	2311	2229	5072	12296	10739	107	AC. FT.

Total Acre-Feet 48976

Table B-10

OAKES DITCH

Point of Diversion: 11.5 miles below McKay Point on the south bank of Mill Creek in the NW 1/4, Section 25, T18S, R25E, M08&M.

Maximum Diversion Capacity: 30 cfs.

Location: Prior to April 1940, 0.5 mile below head of ditch in the SE 1/4, Section 26, T18S, R25E, M08&M. From 1940 to 1958, near the center of Section 26. After 1958, 30 feet below the head of ditch near the east line of Section 26, T18S, R25E, M08&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements prior to 1930. A Venturi meter installed in 1930 and destroyed in the flood of December 1937 has not been replaced. From April 1940 to the fall of 1958, measurements were made by means of a water-stage recorder located above a concrete weir. Since 1958, measurements have been made by means of a 5-foot Parshall flume.

Operating Agency: Oakes Ditch Company.

Gross Service Area: 1,200 acres.

Period of Record: Intermittent during 1917 and 1918; no records during the years ending September 30, 1919, 1923, 1938, and 1939; continuous from April 16, 1920 to September 30, 1922, from October 1, 1923 to September 30, 1937 and from April 18, 1940 to current year.

Remarks: Includes water from Ketchum Ditch (Table B-19a).

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		OAKES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	5.1				0	10.3			1
2				0	5.4				0	11.7			2
3				0	5.1				0	10.7			3
4				0	5.6				0	10.6			4
5				0	4.1				0	10.9			5
6				0	3.3				0	11.7			6
7				0	2.7				5.5	12.1			7
8				0	1.7				7.3	12.1			8
9				0	0				7.6	10.3			9
10				0	0				7.5	8.4			10
11				0	0				8.7	6.7			11
12	N	N	N	0	0	N	N	N	8.7	6.5	N	N	12
13	O	O	O	3.1	0	O	O	O	10.9	6.9	O	O	13
14				3.8	0				10.7	7.2			14
15				3.6	0				11.9	6.7			15
16	F	F	F	4.7	0	F	F	F	13.2	5.1	F	F	16
17	L	L	L	5.3	0	L	L	L	11.9	4.3	L	L	17
18	O	O	O	5.3	0	O	O	O	11.7	6.7	O	O	18
19	W	W	W	4.9	0	W	W	W	11.5	7.7	W	W	19
20				4.1	0				11.4	8.2			20
21				4.5	0				11.4	10.9			21
22				4.3	0				11.4	12.1			22
23				4.3	0				11.1	9.4			23
24				4.1	0				10.9	9.6			24
25				4.1	0				11.9	11.9			25
26				5.8	0				12.7	8.1			26
27				4.5	0				13.0	0			27
28				5.0	0				12.1	0			28
29				5.9	0				10.1	0			29
30				4.5	0				8.9	0			30
31				4.7									31
MEAN				5.9	5.6				13.2	12.1			MEAN
MAX.				0	0				0	0			MAX.
MIN.				172.	65				500	470			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1207

Table B-10 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		OAKES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water released from Ketchum Ditch Storage and diverted in the Lower Kaweah.								0	8.9			1
2									0	9.1			2
3									0	9.1			3
4									0	7.8			4
5									0	6.7			5
6									0	6.7			6
7									0	6.2			7
8									0	4.7			8
9									0	5.2			9
10									0	6.9			10
11									0	7.1			11
12	N	N	N	N	N	N	N	N	0	3.3	N	N	12
13	O	O	O	O	O	O	O	O	0	3.9	O	O	13
14									0	6.0			14
15									0	7.2			15
16	F	F	F	F	F	F	F	F	0	9.0	F	F	16
17	L	L	L	L	L	L	L	L	0	11.4	L	L	17
18	O	O	O	O	O	O	O	O	0	11.6	O	O	18
19	W	W	W	W	W	W	W	W	0	12.0	W	W	19
20									0	11.5			20
21									0	11.4			21
22									0	10.9			22
23									3.8	8.7			23
24									6.7	8.7			24
25									10.1	8.7			25
26									10.3	7.7			26
27									10.9	7.5			27
28									11.1	8.9			28
29									11.6	9.4			29
30									11.1	10.3			30
31										6.9			31
MEAN									11.6	12.0			MEAN
MAX.									0	3.3			MAX.
MIN.									150	503			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 653

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		OAKES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	3.8	3.9	1.6	4.9	5.4	12.4	6.2	7.3	1
2				0	3.9	0	1.4	4.9	5.4	12.9	6.2	11.4	2
3				0	3.8	0	3.1	4.9	6.7	13.2	6.2	6.2	3
4				0	3.3	1.3	3.8	4.1	6.9	11.9	5.1	6.5	4
5				0	3.1	0	4.1	4.1	6.9	9.3	5.6	7.1	5
6				0	3.1	0	4.1	4.7	6.0	8.4	6.2	7.1	6
7				1.4	3.1	0	4.5	4.7	5.6	10.9	8.0	6.9	7
8				0	3.1	0	3.6	5.8	5.6	11.4	13.5	7.5	8
9				0	3.9	0	3.8	6.9	6.0	10.3	13.5	7.7	9
10				2.2	3.1	.5	3.8	7.5	6.9	9.1	14.0	7.7	10
11				4.7	2.0	.5	4.5	4.9	6.5	9.4	11.4	7.7	11
12	N	N	N	4.0	2.0	.5	4.1	8.7	6.2	10.1	8.0	6.9	12
13	O	O	O	4.2	2.4	.5	4.0	9.6	8.0	10.1	9.6	6.5	13
14				1.3	2.0	0	4.5	9.4	10.1	10.3	11.1	7.7	14
15				1.8	2.2	0	4.5	8.9	10.3	8.4	5.2	8.0	15
16	F	F	F	0	2.2	0	5.8	6.5	11.9	8.2	8.7	8.2	16
17	L	L	L	4.3	2.5	0	5.6	6.2	14.0	8.9	6.2	8.0	17
18	O	O	O	5.6	2.7	0	5.2	5.8	13.2	8.0	4.9	8.4	18
19	W	W	W	4.5	2.5	0	5.2	5.2	13.2	7.1	9.0	7.5	19
20				4.1	2.4	0	5.1	5.4	13.2	6.5	11.9	7.5	20
21				4.4	2.0	0	4.9	5.6	12.9	8.9	4.5	7.5	21
22				4.5	2.0	0	4.5	5.8	13.2	8.9	8.9	7.5	22
23				4.5	1.8	0	4.5	6.0	12.9	8.2	10.9	7.5	23
24				3.6	2.0	0	4.5	6.7	13.5	8.4	10.9	7.3	24
25				3.8	2.7	0	4.9	6.0	13.8	10.3	12.9	7.1	25
26				3.8	2.7	0	4.9	6.0	13.8	11.9	16.6	7.1	26
27				3.8	3.3	0	4.9	4.9	13.5	12.9	14.6	7.1	27
28				3.8	6.2	1.8	4.9	6.0	16.0	12.4	12.4	7.1	28
29				3.8		3.4	4.9	5.8	14.9	8.2	11.6	7.1	29
30				3.8		3.4	4.9	5.8	13.8	8.0	10.9	7.1	30
31				3.8		5.1		5.8		8.0	9.6		31
MEAN				5.6	6.2	5.1	5.8	9.6	16.0	13.2	16.6	11.4	MEAN
MAX.				0	1.8	0	1.4	4.1	5.4	6.5	4.5	6.2	MAX.
MIN.				162	158	41	258	372	608	601	584	445	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 3229

Table B-10 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		OAKES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.1	Includes water released from Ketchum Ditch storage and diverted in the Lower Kaweah.				0	1	5.4	11.9	6.5	4.9		1
2	6.9					0	1	5.4	11.6	7.7	4.7		2
3	7.1					0	1	6.5	11.4	12.7	5.4		3
4	7.1					0	0	6.5	11.6	12.4	4.7		4
5	7.1					0	0	8.4	10.9	12.7	4		5
6	7.3					0	1.3	10.1	10.1	12.9	4.9		6
7	7.7					0	1	10.3	12.7	11.6	2		7
8	8.2					0	1	10.1	9.6	9.9	2.5		8
9	8.2					0	1.5	10.1	12.4	6.2	2.2		9
10	8.2					0	4	10.9	10.3	4.1	1.3		10
11	8.4					0	3.1	12.1	10.6	5.8	1.6		11
12	8	N	N	N	N	0	2.8	12.7	10.3	6.5	1	N	12
13	6.7	O	O	O	O	0	4	12.7	10.9	3.6	1	O	13
14	5.8					0	4	12.7	10.9	2.2	0		14
15	5.6					0	3.8	13.2	10.3	4.1	0		15
16	5.1	F	F	F	F	0	3.8	12.4	11.6	4.3	1.4	F	16
17	3.6	L	L	L	L	0	4.5	10.6	11.6	5.6	1.3	L	17
18	4.1	O	O	O	O	0	6.2	12.1	11.4	7.5	2.1	O	18
19	4.7	W	W	W	W	0	6	12.4	8.2	7.5	0	W	19
20	4.7					1.5	5.4	12.1	8.4	5.6	0		20
21	4.7					6.9	5.1	12.1	9.1	7.1	0		21
22	4.7					7.5	5.1	8.9	9.1	8	0		22
23	4.3					5.8	4.9	9.1	7.5	8	0		23
24	0					5.8	1.3	11.9	7.1	8.4	0		24
25	0					4.7	2.8	12.4	7.7	9.4	0		25
26	0					3.9	5.2	12.4	8.9	11.6	0		26
27	0					1.6	5.4	12.4	8.2	9.9	0		27
28	0					1.5	4.7	12.1	6.9	9.9	0		28
29	0					1.6	4.9	12.1	6.5	12.1	0		29
30	0					1.4	4.9	11.9	6.5	10.3	0		30
31	0					1		12.1		6.5			31
MEAN													MEAN
MAX.	8.2					7.5	6.2	13.2	12.7	12.1	5.4		MAX.
MIN.	0					0	0	5.4	6.5	2.2	0		MIN.
AC. FT.	288					86	198	663	584	497	89		AC. FT.

Total Acre-Feet 2405

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		OAKES DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	2.2	6.7	8.4	8.4	12.4	2.1	8.4	1
2					0	1.6	7.3	8.5	8.0	9.6	5.2	8.5	2
3					0	1.5	7.6	7.5	6.9	9.4	5.1	8.7	3
4					0	1.0	8.4	9.6	7.5	8.2	6.5	10.6	4
5					0	.8	11.1	10.6	7.5	7.7	10.9	1.0	5
6					0	.7	11.9	10.3	6.2	6.2	12.7	5.2	6
7					0	.7	11.9	10.4	7.5	5.1	13.5	6.0	7
8					0	.6	11.6	9.4	7.5	3.0	13.2	6.7	8
9					0	.5	11.9	9.4	7.6	3.1	10.6	7.3	9
10					0	.6	11.7	10.4	8.9	3.0	8.4	6.0	10
11					0	.6	11.4	10.3	8.9	2.8	10.1	6.7	11
12	N	N	N	N	1.9	.5	11.4	10.3	8.9	3.4	15.2	1.6	12
13	O	O	O	O	2.5	0	10.7	10.6	9.3	6.7	8.7	0	13
14					2.8	0	10.9	10.6	8.9	6.7	5.8	0	14
15					4.3		12.1	9.9	8.9	5.2	6.2	0	15
16	F	F	F	F	3.7	0	11.6	9.1	8.7	3.0	6.2	0	16
17	L	L	L	L	.5	2.5	10.3	9.9	8.4	2.7	6.0	0	17
18	O	O	O	O	0	3.8	10.7	10.3	8.4	5.8	6.5	0	18
19	W	W	W	W	.5	3.0	9.7	10.6	8.3	7.3	3.4	0	19
20					2.0	4.0	10.9	10.6	8.3	7.3	0	0	20
21					2.1	4.7	11.1	8.9	8.2	7.3	1.6	0	21
22					4.0	4.7	11.1	8.9	8.2	7.7	4.7	0	22
23					3.3	4.7	11.4	7.7	8.2	13.5	4.0	0	23
24					3.8	4.7	11.9	8.2	11.1	18.1	5.1	0	24
25					3.1	4.5	11.1	9.1	15.8	18.8	8.2	0	25
26					2.4	5.9	11.4	9.1	20.0	15.5	12.0	0	26
27					3.3	6.7	11.1	9.1	20.5	13.8	14.6	0	27
28					3.3	6.1	10.6	8.4	16.6	11.9	13.2	0	28
29					3.0	5.1	9.1	8.4	15.0	8.1	10.6	0	29
30						5.1	8.7	8.4	14.7	4.9	11.0	0	30
31						5.1		8.4		2.1	9.9		31
MEAN													MEAN
MAX.					4.3	6.7	12.1	10.6	20.5	18.8	14.6	10.6	MAX.
MIN.					0	0	6.7	7.5	6.2	2.1	0	0	MIN.
AC. FT.					92	162	629	578	598	477	498	152	AC. FT.

Total Acre-Feet 3186

Table B-11

EVANS DITCH

Point of Diversion: 13 miles below McKay Point on the south bank of Mill Creek in the SE 1/4, Section 27, T18S, R25E, M08&M.

Maximum Diversion Capacity: 72 cfs.

Location: 0.5 mile below head of ditch in SW 1/4, Section 27, T18S, R25E, M08&M.

Gage: A 10-foot-long concrete weir across the head of Evans Ditch and a staff gage and water-stage recorder above the weir. An accurate relationship has been established between water level at the recorder and flow over the weir.

Operating Agency: Evans Ditch Company.

Gross Service Area: 4,250 acres.

Period of Record: Intermittent during the years ending September 30, 1917 and 1918; no record during the year ending September 30, 1919; continuous from October 1, 1919 to current year.

Remarks: Includes water from Ketchum Ditch (Table 8-19a).

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		EVANS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Water from Central		0	21	0				0	40			1
2	Valley Project		0	22	0				0	39			2
3	February 21-25.		0	23	0				0	40			3
4			0	23	0				0	43			4
5			0	23	0				0	43			5
6			0	23	0				0	44			6
7			0	15	0				11	47			7
8			0	27	0				20	48			8
9			0	34					37	50			9
10			0	33					42	50			10
11			0	34	0				41	50			11
12	N	N	0	33	0	N	N	N	41	50	N	N	12
13	O	O	0	30	0	O	O	O	44	48	O	O	13
14			0	29	0				46	48			14
15			0	29	0				47	49			15
16	F	F	0	28	0	F	F	F	50	49	F	F	16
17	L	L	0	29	0	L	L	L	49	45	L	L	17
18	O	O	0	30	0	O	O	O	47	44	O	O	18
19	W	W	0	27	0	W	W	W	47	45	W	W	19
20			0	19	0				46	44			20
21			0	29	12				46	48			21
22			0	35	24				47	44			22
23			0	32	27				47	29			23
24			0	32	27				47	13			24
25			0	32	16				47	0			25
26			0	32	0				47	0			26
27			0	31	0				47	0			27
28			0	30	0				46	0			28
29			4	28	0				45	0			29
30			17	8					44	0			30
31			19	0						0			31
MEAN													MEAN
MAX.			19	35	27				50	50			MAX.
MIN.			0	0	0				0	0			MIN.
AC. FT.			79	1628	210				2045	2083			AC. FT.

Total Acre-Feet 6045

Table B-11 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		EVANS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water released from Ketchum Ditch Storage and diverted in the Lower Kaweah.								0	41	26		1
2									0	39	12		2
3									0	39	6		3
4									0	40	0		4
5									0	39	0		5
6									0	39	0		6
7									0	39	0		7
8									0	38	0		8
9									0	37	0		9
10									0	36	0		10
11									0	35	0		11
12	N	N	N	N	N	N	N	N	0	0	0	N	12
13	O	O	O	O	O	O	O	O	0	0	0	O	13
14									0	0	0		14
15									0	0	0		15
16	F	F	F	F	F	F	F	F	0	0	0	F	16
17	L	L	L	L	L	L	L	L	0	0	0	L	17
18	O	O	O	O	O	O	O	O	0	0	0	O	18
19	W	W	W	W	W	W	W	W	0	35	0	W	19
20									0	31	0		20
21									0	31	0		21
22									0	31	0		22
23									10	32	0		23
24									14	34	0		24
25									19	35	0		25
26									24	36	0		26
27									32	35	0		27
28									36	28	0		28
29									38	28	0		29
30									41	32	0		30
31										33	0		31
MEAN									41	41	26		MEAN
MAX.									0	0	0		MAX.
MIN.									424	1672	87		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2183

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		EVANS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	25	39	32	44	43	40	40	0	1
2				0	29	35	32	42	44	40	40	0	2
3				0	35	32	34	44	40	40	40	0	3
4				0	34	32	35	47	40	40	40	0	4
5				0	33	26	36	46	40	39	40	0	5
6				0	31	23	36	46	40	38	39	9	6
7				0	25	28	37	44	43	39	39	28	7
8				0	22	30	37	39	47	38	39	35	8
9				0	25	31	37	47	47	37	40	36	9
10				0	24	31	37	47	49	38	42	36	10
11				0	27	33	37	41	48	40	42	36	11
12	N	N	N	0	19	34	37	41	54	40	42	34	12
13	O	O	O	0	27	33	37	41	55	40	42	31	13
14				0	33	35	37	42	53	40	42	31	14
15				0	33	36	37	60	55	41	35	32	15
16	F	F	F	0	33	36	38	44	55	41	0	31	16
17	L	L	L	0	34	34	41	43	55	41	0	31	17
18	O	O	O	1.6	35	31	47	44	56	41	0	31	18
19	W	W	W	25	34	31	47	44	56	40	0	22	19
20				25	34	31	48	44	57	38	0	22	20
21				25	34	28	48	44	55	40	0	22	21
22				24	35	28	48	44	50	43	0	23	22
23				24	35	30	48	43	44	42	0	23	23
24				18	34	30	48	46	44	43	0	22	24
25				26	34	31	51	44	47	46	0	22	25
26				25	33	31	51	43	48	46	0	23	26
27				25	34	32	48	42	46	43	0	26	27
28				25	36	34	46	42	44	40	0	27	28
29				26	34	34	46	42	43	40	0	28	29
30				25	35	35	46	40	41	40	0	28	30
31				26	35	35	37	37		40	0		31
MEAN				26	36	39	51	60	57	46	42	36	MEAN
MAX.				0	19	23	32	37	40	37	0	0	MAX.
MIN.				664	1720	1962	2458	2692	2854	2487	1194	1367	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 17398

Table B-II (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		EVANS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	28	Includes water released from Ketchum Ditch storage and diverted in the Lower Kaweah.		0	28	34	0	32	40	16	14		1
2	28		0	25	30	0	33	40	19	9			2
3	31		0	22	27	0	34	40	31	6			3
4	33		0	22	29	0	34	40	35	5			4
5	31		0	23	33	0	29	40	38	12			5
6	31			0	26	40	0	28	40	38	14		6
7	32			0	28	39	0	31	40	37	9		7
8	28			0	33	41	0	33	40	37	5		8
9	27			0	34	43	0	34	42	37	0		9
10	29			12	34	41	0	34	40	38	0		10
11	30			20	34	41	0	36	39	37	0		11
12	30	N	N	19	34	41	0	37	41	34	0	N	12
13	30	O	O	18	29	41	0	37	48	28	0	O	13
14	28			16	27	40	0	37	40	19	0		14
15	28			16	35	41	0	37	34	23	0		15
16	27	F	F	25	32	44	0	37	41	23	0	F	16
17	9	L	L	32	28	37	0	36	43	21	0	L	17
18	0	O	O	33	31	40	0	35	43	22	0	O	18
19	0	W	W	32	33	42	19	36	41	22	0	W	19
20	0			34	34	40	27	36	42	23	0		20
21	0			34	34	42	30	37	44	24	0		21
22	0			32	35	44	33	37	44	23	0		22
23	0			34	35	40	36	38	43	25	0		23
24	0			28	35	40	31	37	42	28	0		24
25	0			29	32	40	37	38	38	28	0		25
26	0			29	33	26	37	37	31	31	0		26
27	0			31	34	0	37	37	23	30	0		27
28	0			29	35	0	33	37	17	27	0		28
29	0			28	0	0	38	40	16	28	0		29
30	0			27	0	0	32	39	16	23	0		30
31	0			28	0	0		38		20	0		31
MEAN													MEAN
MAX.	33			34	35	44	38	40	48	38	14		MAX.
MIN.	0			0	22	0	0	28	16	16	0		MIN.
AC. FT.	952			1162	1716	1974	774	2184	2237	1716	147		AC. FT.

Total Acre-Feet 12862

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		EVANS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	27	35	36	35	34	40	14	40	1
2				0	25	35	36	37	37	40	13	40	2
3				0	25	35	35	34	34	40	12	41	3
4				0	26	35	37	34	35	40	15	41	4
5				0	25	34	37	34	37	40	21	39	5
6				0	26	34	37	37	38	40	31	38	6
7				0	26	34	37	37	38	40	30	38	7
8				0	28	33	37	35	40	40	31	41	8
9				0	28	34	37	37	40	41	33	42	9
10				0	27	39	37	37	36	41	34	40	10
11				0	27	38	38	37	37	40	34	41	11
12	N	N	N	0	26	34	38	37	36	42	41	42	12
13	O	O	O	0	25	19	37	37	37	42	41	42	13
14				0	26	23	37	37	37	42	41	41	14
15				0	32	29	36	36	37	43	40	41	15
16	F	F	F	0	31	33	37	37	39	43	40	40	16
17	L	L	L	7	17	33	38	37	40	42	40	34	17
18	O	O	O	13	23	33	37	37	40	41	39	8	18
19	W	W	W	13	24	34	35	37	40	40	40	0	19
20				12	27	35	35	39	40	40	40	0	20
21				11	34	36	37	34	40	40	40	0	21
22				19	32	36	37	35	40	38	40	0	22
23				25	32	35	38	37	40	40	40	0	23
24				23	33	34	38	37	42	40	40	0	24
25				23	32	35	37	37	40	40	40	0	25
26				23	34	35	36	37	40	40	40	0	26
27				22	35	35	35	37	40	37	41	0	27
28				19	36	37	37	36	40	35	42	0	28
29				19	37	37	36	36	40	31	42	0	29
30				21	37	37	37	36	39	22	42	0	30
31				25	36	36	37	37		18	40	0	31
MEAN													MEAN
MAX.				25	37	39	38	39	42	43	42	42	MAX.
MIN.				0	17	19	35	34	34	18	12	0	MIN.
AC. FT.				545	1638	2087	2186	2235	2287	2376	2136	1367	AC. FT.

Total Acre-Feet 16857

Table B-12

MILL CREEK (LOWER KAWEAH RIVER)

Point of Diversion: The first 40 cfs of flow measured at this station is diverted into Persian Ditch, which heads on the south bank of Mill Creek 5 miles below the gaging station and 19 miles below McKay Point in the SW 1/4, Section 26, T18S, R24E, M0B&M.

Maximum Diversion Capacities: Mill Creek, 440 cfs. Persian Ditch, 80 cfs.

Location: On Mill Creek 14 miles below McKay Point in the SW 1/4, Section 27, T18S, R25E, M0B&M.

Gage: A timber trapezoidal control section with staff gage and water-stage recorder, rated by frequent current meter measurements prior to installation of 15-foot Parshall flume in 1958.

Operating Agency: Persian Ditch Company.

Gross Service Area: 6,300 acres.

Period of Record: Intermittent during the years ending September 30, 1917 and 1918; no record during years ending September 30, 1919, 1923, and 1956; continuous from October 1, 1919, to September 30, 1922 and from October 1, 1923 to current year.

Remarks: Includes water from Ketchum Ditch (Table 8-19a).

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		MILL CREEK (LOWER KAWEAH RIVER)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Water from Central		0	10	46				0	52	62		1
2	Valley Project		0	11	49				0	53	52		2
3	February 20-25.		0	10	49				0	51	0		3
4			0	10	56				0	53	0		4
5			0	9	60				0	50	0		5
6			0	10	70				0	50	0		6
7			0	8	61				30	58	0		7
8			0	11	32				33	61	0		8
9			0	20	34				46	64	0		9
10			0	13	52				61	62	0		10
11			0	16	15				55	63	0		11
12	N	N	0	15	0	N	N	N	50	68	0	N	12
13	O	O	0	10	0	O	O	O	47	68	0	O	13
14			0	9	0				45	64	0		14
15			0	8	0				41	62	0		15
16	F	F	0	8	0	F	F	F	50	65	0	F	16
17	L	L	0	9	0	L	L	L	52	57	0	L	17
18	O	O	0	9	0	O	O	O	60	50	0	O	18
19	W	W	0	7	0	W	W	W	59	53	0	W	19
20			0	7	3				55	49	0		20
21			0	9	22				54	46	0		21
22			0	31	11				54	57	0		22
23			0	35	12				51	72	0		23
24			0	33	17				53	65	0		24
25			0	33	18				54	59	0		25
26			0	32	0				56	60	0		26
27			6	28	0				55	61	0		27
28			6	28	0				50	60	0		28
29			8	37	0				51	59	0		29
30			8	31					51	57	0		30
31			9	43						62	0		31
MEAN													MEAN
MAX.			9	43	70				61	72	62		MAX.
MIN.			0	7	0				0	46	0		MIN.
AC. FT.			73	1091	1204				2406	3592	226		AC. FT.

Total Acre-Feet 8594

Table B-12 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		MILL CREEK (LOWER KAWEAH RIVER)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	37		0	8	Includes water released from Ketchum Ditch Storage and diverted in the Lower Kaweah.			0	53	46		1
2	0	45		0	9				0	56	38		2
3	0	39		0	7				0	59	32		3
4	0	35		0	5				0	61	0		4
5	0	22		0	0				0	55	0		5
6	0	37		0	0				0	49	0		6
7	0	29		0	0				0	50	0		7
8	0	18		0	0				0	46	0		8
9	0	0		0	0				0	47	0		9
10	0	0		0	0				0	51	0		10
11	0	0		0	0				0	52	0		11
12	0	0	N	0	0	N	N	N	0	50	0	N	12
13	0	0	O	0	0	O	O	O	0	49	0	O	13
14	0	0		0	0				0	46	0		14
15	0	0		0	0				0	43	0		15
16	0	0	F	0	0	F	F	F	0	44	0	F	16
17	0	0	L	0	0	L	L	L	0	47	0	L	17
18	0	0	O	0	0	O	O	O	0	49	0	O	18
19	0	0	W	0	0	W	W	W	0	55	0	W	19
20	0	0		4	0				0	57	0		20
21	0	0		10	0				0	51	0		21
22	0	0		9	0				28	53	0		22
23	0	0		14	0				28	53	0		23
24	0	0		15	0				26	52	0		24
25	27	0		11	0				43	50	0		25
26	45	0		9	0				49	47	0		26
27	53	0		10	0				54	44	0		27
28	32	0		9	0				52	51	0		28
29	40	0		8	0				48	52	0		29
30	37	0		8	0				52	43	0		30
31	38	0		8	0				46	46	0		31
MEAN	53	45		15	9				54	61	46		MEAN
MAX.	0	0		0	0				0	43	0		MAX.
MIN.	540	520		228	58				754	3096	230		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 5426

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		MILL CREEK (LOWER KAWEAH RIVER)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	0	31	68	59	112	150	101	78	0	1
2			0	0	25	75	66	115	138	109	77	0	2
3			0	5	26	49	81	126	131	111	74	0	3
4			0	0	16	77	87	90	135	112	69	0	4
5			0	13	20	34	95	82	135	101	70	0	5
6			0	5	24	6	95	82	137	97	70	54	6
7			0	3	29	27	95	82	137	101	68	137	7
8			0	3	34	44	84	102	135	94	68	131	8
9			0	3	74	52	85	115	139	86	74	120	9
10			0	6	43	65	88	127	159	86	80	124	10
11			0	9	20	77	94	139	160	89	78	126	11
12	N	N	0	5	21	81	94	144	163	89	80	82	12
13	O	O	0	5	41	91	98	145	173	91	82	46	13
14			0	5	32	92	97	144	180	98	79	37	14
15			0	2	43	92	94	144	191	104	60	45	15
16	F	F	0	1	39	93	116	144	193	99	25	48	16
17	L	L	0	22	76	73	104	140	200	101	22	45	17
18	O	O	0	39	87	34	101	143	201	98	19	42	18
19	W	W	0	49	90	38	104	144	198	89	17	74	19
20			0	41	90	37	102	147	193	74	14	78	20
21			0	44	92	45	105	145	170	73	13	73	21
22			0	40	88	42	106	143	163	69	10	55	22
23			0	32	63	31	110	144	160	66	8	52	23
24			0	16	55	44	107	170	155	72	5	49	24
25			0	35	46	58	111	190	153	82	0	50	25
26			0	29	46	65	111	190	148	86	0	51	26
27			0	28	63	66	109	181	133	101	0	52	27
28			0	26	55	80	109	178	124	99	0	51	28
29			0	26	84	84	109	178	116	80	0	47	29
30			5	25	86	86	112	164	111	85	0	46	30
31			15	26	94	94		142		86	0		31
MEAN			15	49	92	94	116	190	201	112	82	137	MEAN
MAX.			0	0	16	6	59	82	111	66	0	0	MAX.
MIN.			40	1077	2715	3769	5808	8513	9285	5611	2460	3402	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 42680

Table B-12 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		MILL CREEK (LOWER KAWEAH RIVER)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	46	56	15	21	51	106	35	66	103	56	16	Includes water released from Ketchum Ditch storage and diverted in the Lower Kaweah.	1
2	47	44	18	45	41	89	32	64	101	58	24		2
3	46	53	17	45	34	62	28	66	100	49	29		3
4	48	63	16	46	34	59	26	66	104	49	30		4
5	53	65	23	47	33	52	24	67	95	48	24		5
6	53	66	28	46	40	53	34	70	75	50	23		6
7	73	65	25	47	50	50	26	65	75	51	16		7
8	85	67	25	48	62	41	25	72	65	51	16		8
9	86	67	27	49	68	34	24	66	74	50	19		9
10	86	62	28	38	76	33	26	51	65	46	18		10
11	89	51	30	34	74	31	36	41	66	41	17	N O F L O W	11
12	91	25	36	36	68	30	39	41	66	36	15		12
13	81	24	36	34	54	29	42	42	65	32	14		13
14	74	22	36	31	59	35	57	43	69	34	11		14
15	74	19	40	36	71	41	60	46	75	44	9		15
16	57	18	44	55	70	51	60	54	82	41	15		16
17	50	17	44	55	69	31	61	62	82	33	15		17
18	50	0	46	52	68	49	63	70	80	41	20		18
19	57	0	46	54	68	54	70	68	67	41	12		19
20	59	0	28	62	80	39	70	68	75	36	7		20
21	60	0	30	65	93	47	82	68	81	40	0	21	
22	59	0	31	72	94	55	82	71	79	41	0	22	
23	55	0	24	69	89	46	82	103	71	41	0	23	
24	53	0	23	55	97	41	67	99	69	42	0	24	
25	47	0	23	50	84	43	90	110	74	48	0	25	
26	23	0	23	46	87	47	109	112	74	52	0	26	
27	90	0	23	48	88	56	94	117	69	45	0	27	
28	16	0	23	47	93	55	88	112	73	34	0	28	
29	15	0	22	46	62	62	87	99	78	34	0	29	
30	30	12	22	45	46	46	70	104	77	37	0	30	
31	85		22	47	38	38		105		23	0	31	
MEAN	90	67	46	72	97	106	109	117	104	58	30		MEAN
MAX.	15	0	15	21	33	29	24	41	65	23	0		MAX.
MIN.	3646	1579	1734	2918	3759	2985	3350	4538	4620	2626	694		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 32449

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		MILL CREEK (LOWER KAWEAH RIVER)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	82	126	93	74	90	135	68	119	1
2				0	69	129	98	68	86	141	72	117	2
3				0	65	132	116	44	77	137	74	120	3
4				0	67	118	119	46	70	121	68	124	4
5				0	68	87	128	54	68	76	68	94	5
6				0	64	80	142	51	68	52	76	83	6
7				0	64	76	135	50	75	37	75	90	7
8				0	68	71	132	41	76	39	74	100	8
9				0	83	75	134	41	81	48	71	109	9
10				0	78	78	130	51	97	59	73	98	10
11				19	78	93	118	52	113	62	80	103	11
12	N	N	N	39	104	81	100	51	113	67	95	100	12
13	O	O	O	30	105	39	97	53	123	69	97	84	13
14				30	106	41	96	53	129	74	127	82	14
15				30	128	48	99	55	133	74	155	77	15
16	F	F	F	57	120	53	109	61	129	72	156	69	16
17	L	L	L	76	44	63	112	68	127	72	159	48	17
18	O	O	O	77	56	64	109	71	138	70	155	18	18
19	W	W	W	77	73	54	110	77	124	71	159	22	19
20				78	85	55	110	89	142	71	173	15	20
21				90	99	57	105	107	140	73	175	13	21
22				80	115	53	110	93	144	67	175	10	22
23				71	120	53	115	77	151	54	172	6	23
24				71	132	52	115	80	143	53	160	6	24
25				88	129	52	105	80	143	53	142	0	25
26				99	120	65	92	81	153	50	127	0	26
27				97	122	91	91	82	142	56	134	0	27
28				99	120	94	83	87	147	56	138	0	28
29				96	124	96	73	93	138	47	144	0	29
30				86		96	74	91	145	54	134	0	30
31				82		96		92		62	125		31
MEAN				99	132	132	143	107	153	141	175	124	MEAN
MAX.				0	44	39	73	41	68	37	68	0	MAX.
MIN.				2920	5332	4697	6446	4191	6952	4308	7341	3386	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 45573

Table B-13

PERSIAN DITCH AT MILL CREEK

Point of Diversion: In the SW 1/4, Section 26, T18S, R24E, M0B&M.

Maximum Diversion Capacity: 150 cfs.

Location: Approximately 200 feet below head of ditch.

Gage: Open-channel section with water-stage recorder and bridge for current meter measurements.

Operating Agencies: Persian and Watson Ditch Companies.

Gross Service Area: 6,300 acres.

Period of Record: 1960 to current year.

Remarks: Includes water from Ketchum Ditch (Table B-19a).

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		PERSIAN DITCH AT MILL CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water for Watson Ditch.			0	36	5			0	44	49		1
2				0	39	5			0	49	43		2
3				0	39	0			0	42	0		3
4				0	48	0			0	45	0		4
5				0	56	0			0	40	0		5
6				0	61	0			0	40	0		6
7				0	40	0			8	50	0		7
8				0	27	0			24	47	0		8
9				0	32	0			37	55	0		9
10				0	37	0			56	55	0		10
11				0	21	0			54	51	0		11
12	N	N	N	0	2	0	N	N	49	57	0	N	12
13	O	O	O	0	0	0	O	O	47	58	0	O	13
14				0	5	0			41	53	0		14
15				0	0	0			36	53	0		15
16	F	F	F	0	0	0	F	F	47	50	0	F	16
17	L	L	L	0	0	0	L	L	45	42	0	L	17
18	O	O	O	0	0	0	O	O	60	33	0	O	18
19	W	W	W	0	0	0	W	W	58	39	0	W	19
20				0	0	0			53	35	0		20
21				7	21	0			50	32	0		21
22				22	8	0			50	43	0		22
23				36	8	0			44	62	0		23
24				27	18	0			48	52	0		24
25				27	17	0			50	45	0		25
26				26	0	0			48	48	0		26
27				23	0	0			55	45	0		27
28				23	0	0			47	43	0		28
29				28	8	0			44	42	0		29
30				29	0	0			43	44	0		30
31				33	0	0				43	0		31
MEAN				36	61	5			60	62	49		MEAN
MAX.				0	0	0			0	32	0		MAX.
MIN.				557	1037	20			2170	2850	182		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 6816

Table B-13 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		PERSIAN DITCH AT MILL CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	16	Includes water released from Ketchum Ditch storage and diverted in the Lower Kaweah.						0	45	32		1
2	0	26							0	47	25		2
3	0	22							0	49	15		3
4	0	19							0	52	0		4
5	0	10							0	51	0		5
6	0	0							0	43	0		6
7	0	0							0	44	0		7
8	0	0							0	41	0		8
9	0	0							0	40	0		9
10	0	0							0	42	0		10
11	0	0							0	44	0		11
12	0	0	N	N	N	N	N	N	0	43	0	N	12
13	0	0	O	O	O	O	O	O	0	43	0	O	13
14	0	0							0	41	0		14
15	0	0							0	36	0		15
16	0	0	F	F	F	F	F	F	0	35	0	F	16
17	0	0	L	L	L	L	L	L	0	40	0	L	17
18	0	0	O	O	O	O	O	O	0	41	0	O	18
19	0	0	W	W	W	W	W	W	0	41	0	W	19
20	0	0							0	50	0		20
21	0	0							0	42	0		21
22	0	0							0	42	0		22
23	0	0							11	43	0		23
24	0	0							23	41	0		24
25	11	0							36	38	0		25
26	20	0							43	37	0		26
27	24	0							47	31	0		27
28	14	0							46	36	0		28
29	18	0							44	43	0		29
30	16	0							46	29	0		30
31	17	0								30	0		31
MEAN													MEAN
MAX.	24	26							47	52	32		MAX.
MIN.	0	0							0	29	0		MIN.
AC. FT.	238	184							587	2539	143		AC. FT.

Total Acre-Feet 3691

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		PERSIAN DITCH AT MILL CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	23	34	6	24	94	85	70	0	1
2				0	21	49	6	25	92	90	71	0	2
3				0	24	37	10	29	91	92	69	0	3
4				0	12	31	23	21	90	94	64	0	4
5				0	16	18	21	23	91	92	65	0	5
6				0	18	0	38	35	91	89	64	53	6
7				0	9	4	22	36	90	88	64	80	7
8				0	18	13	17	41	91	89	71	76	8
9				0	77	20	23	45	89	86	74	67	9
10				0	56	26	24	45	87	75	79	70	10
11				0	8	34	28	46	85	76	79	70	11
12	N	N	N	0	15	36	28	46	85	75	78	51	12
13	O	O	O	0	14	40	30	46	87	79	81	46	13
14				0	4	42	25	49	93	77	81	37	14
15				0	14	43	21	49	93	81	73	44	15
16	F	F	F	0	22	44	30	48	94	80	2	46	16
17	L	L	L	2	42	35	36	52	96	80	0	45	17
18	O	O	O	4	49	9	22	58	97	80	0	43	18
19	W	W	W	15	50	14	23	58	98	76	0	55	19
20				18	52	2	23	59	96	63	0	61	20
21				20	54	15	24	58	96	60	0	60	21
22				21	54	1	24	67	95	61	0	50	22
23				21	38	0	27	71	96	56	0	50	23
24				12	37	2	25	83	95	61	0	50	24
25				22	31	25	33	86	94	76	0	54	25
26				25	32	31	30	86	95	74	0	53	26
27				21	35	25	25	83	90	83	0	55	27
28				22	33	35	25	87	91	87	0	54	28
29				21	36	25	25	89	92	61	0	50	29
30				21	38	28	28	91	91	66	0	46	30
31				22	54	54		93		68	0		31
MEAN													MEAN
MAX.				25	77	54	38	93	98	94	81	80	MAX.
MIN.				0	4	0	6	21	85	56	0	0	MIN.
AC. FT.				530	1702	1573	1432	3429	5484	4760	2152	2709	AC. FT.

Total Acre-Feet 23771

Table B-13 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		PERSIAN DITCH AT MILL CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	48	53	8	1	27	68	24	54	67	69	8		1
2	49	41	8	1	28	59	18	50	68	59	18		2
3	48	47	6	36	25	48	16	49	66	44	20		3
4	49	53	0	37	26	49	4	49	70	50	18		4
5	54	55	0	36	26	45	0	49	68	44	4		5
6													
7	55	62	20	33	28	46	24	49	67	47	9		7
8	52	61	22	33	33	42	9	48	67	47	4		8
9	55	61	9	35	37	37	6	47	59	49	7		9
10	55	59	2	31	40	30	11	54	63	52	9		10
11													
12	56	55	1	28	43	27	27	31	65	37	16		11
13	57	22	1	26	42	29	32	31	62	34	7		12
14	54	0	1	29	37	23	34	30	61	30	13		13
15	49	0	1	31	38	29	37	33	67	31	3		14
16	49	0	0	30	48	32	37	34	73	42	3		15
17													
18	43	0	1	40	54	43	36	41	74	39	13		16
19	30	0	3	41	51	25	37	47	73	25	3		17
20	46	0	13	40	52	38	37	56	71	41	4		18
21	50	0	23	38	52	48	40	55	58	43	2		19
22	51	0	10	42	56	40	39	53	60	35	0		20
23													
24	38	0	8	43	60	41	47	54	70	40	0		21
25	44	0	17	43	60	45	46	53	64	38	0		22
26	49	0	22	46	55	47	57	67	62	36	0		23
27	46	0	21	40	57	42	56	64	58	37	0		24
28	48	0	21	38	56	44	60	67	62	41	0		25
29													
30	10	0	18	29	57	45	73	67	66	46	0		26
31	0	0	11	25	58	57	70	69	63	39	0		27
32	0	0	9	24	58	59	65	69	65	26	0		28
33	0	0	7	23	54	64	64	67	70	25	0		29
34	0	0	5	23	45	45	55	66	71	34	0		30
35	72	0	3	31	39	39	68	68	68	16	0		31
MEAN													MEAN
MAX.	57	62	23	46	60	68	73	69	74	69	20		MAX.
MIN.	0	0	0	1	25	23	0	30	58	16	0		MIN.
AC. FT.	2602	1244	540	1952	2473	2586	2140	3211	3909	2462	343		AC. FT.

Total Acre-Feet 23462

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		PERSIAN DITCH AT MILL CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	43	60	57	54	54	76	68	71	1
2				0	37	61	55	53	52	76	72	69	2
3				0	35	62	63	38	46	76	75	74	3
4				0	40	55	68	36	44	73	72	78	4
5				0	35	47	69	42	44	68	64	63	5
6				0	28	49	58	39	42	58	76	54	6
7				0	30	38	58	39	46	42	76	56	7
8				0	34	37	59	34	47	42	76	61	8
9				0	41	38	66	37	48	51	73	70	9
10				0	39	39	68	50	60	62	74	63	10
11				0	40	44	66	48	71	63	75	65	11
12				0	52	15	63	43	71	65	30	65	12
13	N	N	N	0	53	4	61	44	73	66	25	65	13
14	O	O	O	0	55	2	61	45	73	74	67	67	14
15				0	66	2	63	46	74	77	69	59	15
16	F	F	F	1	51	2	69	49	73	74	66	39	16
17	L	L	L	26	5	2	70	55	67	76	66	35	17
18	O	O	O	19	7	2	68	55	76	75	69	10	18
19	W	W	W	12	30	2	61	55	71	75	68	14	19
20				14	37	2	68	60	73	75	75	0	20
21				22	51	3	69	64	74	72	75	0	21
22				15	51	23	71	63	74	69	75	0	22
23				5	53	38	73	56	78	55	74	0	23
24				4	56	40	73	57	78	51	74	0	24
25				22	59	40	70	59	75	50	68	0	25
26				41	58	61	64	59	76	48	69	0	26
27				41	58	70	63	58	75	55	71	0	27
28				46	58	58	54	58	75	58	73	0	28
29				44	59	58	46	57	76	46	78	0	29
30				41	58	58	52	55	77	52	76	0	30
31				41	56	56	52	55	60	60	74	0	31
MEAN													MEAN
MAX.				46	66	70	73	64	78	77	78	78	MAX.
MIN.				0	5	2	46	34	42	42	25	0	MIN.
AC. FT.				781	2501	2118	3781	3100	3894	3888	4251	2138	AC. FT.

Total Acre-Feet 26452

Table B-14

NORTH BRANCH PERSIAN DITCH

Point of Diversion: Near northeast corner of Section 34, T18S, R24E, MDB&M.

Maximum Diversion Capacity: 70 cfs.

Location: Approximately 100 feet west of main Persian Ditch.

Gage: Open-channel section with water-stage recorder and bridge for current meter measurements.

Operating Agency: Persian Ditch Company.

Gross Service Area: 3,300 acres.

Period of Record: 1960 to current year.

Criteria for Diversion: Arbitrary; all or part of the entitlement of Persian Ditch Company may be taken down this branch.

Remarks: Includes water from Ketchum Ditch (Table B-19a).

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		NORTH BRANCH PERSIAN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	9	2			0	18	23		1
2				0	11	0			0	22	18		2
3				0	14	0			0	20	0		3
4				0	21	0			0	19	0		4
5				0	22	0			0	16	0		5
6				0	23	0			0	18	0		6
7				0	12	0			2	21	0		7
8				0	4	0			14	19	0		8
9				0	6	0			23	27	0		9
10				0	9	0			29	30	0		10
11				0	1	0			22	28	0		11
12	N	N	N	0	0	0	N	N	23	28	0	N	12
13	O	O	O	0	0	0	O	O	20	28	0	O	13
14				0	1	0			22	21	0		14
15				0	0	0			17	27	0		15
16	F	F	F	0	0	0	F	F	22	24	0	F	16
17	L	L	L	0	0	0	L	L	17	20	0	L	17
18	O	O	O	0	0	0	O	O	22	15	0	O	18
19	W	W	W	0	0	0	W	W	21	17	0	W	19
20				0	0	0			16	14	0		20
21				0	8	0			16	15	0		21
22				0	2	0			16	20	0		22
23				0	2	0			14	26	0		23
24				0	2	0			19	21	0		24
25				0	1	0			19	18	0		25
26				0	0	0			18	21	0		26
27				0	0	0			19	22	0		27
28				0	0	0			19	24	0		28
29				3	2	0			24	24	0		29
30				4		0			18	22	0		30
31				7		0				21	0		31
MEAN				7	23	0			29	30	23		MEAN
MAX.				0	0	2			0	14	0		MAX.
MIN.				28	298	4			897	1321	81		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2629

Table B-14 (Cont'd)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		NORTH BRANCH PERSIAN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	14	Includes water released from Ketchum Ditch storage and diverted in the Lower Kaweah.						0	29	27		1
2	0	12							0	29	22		3
3	0	10							0	34	1P		3
4	0	9							0	34	0		4
5	0	5							0	29	0		5
6	0	0							0	26	0		6
7	0	0							0	28	0		7
8	0	0							0	24	0		8
9	0	0							0	24	0		9
10	0	0							0	24	0		10
11	0	0							0	25	0		11
12	0	0	N	N	N	N	N	N	0	23	0	N	12
13	0	0	O	O	O	O	O	O	0	17	0	O	13
14	0	0							0	11	0		14
15	0	0							0	8	0		15
16	0	0	F	F	F	F	F	F	0	7	0	F	16
17	0	0	L	L	L	L	L	L	0	4	0	L	17
18	0	0	O	O	O	O	O	O	0	9	0	O	18
19	0	0	W	W	W	W	W	W	0	24	0	W	19
20	0	0							0	30	0		20
21	0	0							0	24	0		21
22	0	0							0	24	0		22
23	0	0							3	26	0		23
24	0	0							10	28	0		24
25	9	0							20	26	0		25
26	18	0							26	25	0		26
27	22	0							30	23	0		27
28	11	0							30	30	0		28
29	15	0							26	33	0		29
30	14	0							30	24	0		30
31	14	0							30	24	0		31
MEAN													MEAN
MAX.	22	14							30	34	27		MAX.
MIN.	0	0							0	4	0		MIN.
AC. FT.	204	99							347	1440	121		AC. FT.

Total Acre-Feet 1908

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		NORTH BRANCH PERSIAN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	12	12	1	5	42	29	25	0	1
2				0	10	12	0	5	43	32	26	0	2
3				0	12	12	1	11	43	33	24	0	3
4				0	7	12	2	13	43	32	22	0	4
5				0	6	10	9	12	44	31	22	0	5
6				0	12	0	15	13	43	27	22	29	6
7				0	7	8	13	13	43	30	22	32	7
8				0	11	8	5	23	43	29	21	32	8
9				0	43	15	9	32	42	26	23	26	9
10				0	38	18	16	21	41	26	27	27	10
11				0	6	25	25	23	39	28	26	25	11
12	N	N	N	0	9	24	24	23	38	26	24	21	12
13	O	O	O	0	13	27	25	24	39	26	29	16	13
14				0	10	28	24	25	39	26	31	12	14
15				0	10	25	19	24	37	27	31	10	15
16	F	F	F	0	11	18	24	25	38	28	1	16	16
17	L	L	L	0	30	14	23	29	38	27	0	16	17
18	O	O	O	2	29	0	21	35	38	28	0	17	18
19	W	W	W	12	30	14	22	35	39	28	0	23	19
20				15	33	1	21	35	37	24	0	26	20
21				15	33	8	21	34	37	22	0	26	21
22				12	31	0	22	41	36	22	0	21	22
23				10	21	0	26	39	35	19	0	21	23
24				4	24	0	20	43	34	18	0	21	24
25				6	16	9	23	43	34	24	0	19	25
26				8	15	14	19	37	35	24	0	19	26
27				7	18	13	15	31	33	29	0	20	27
28				8	17	19	9	33	34	33	0	20	28
29				7		20	2	33	33	25	0	18	29
30				7		21	3	34	33	26	0	17	30
31				9		27		37		25	0		31
MEAN													MEAN
MAX.				15	43	28	26	43	43	33	31	32	MAX.
MIN.				0	7	0	0	5	33	18	0	0	MIN.
AC. FT.				242	1020	809	910	1648	2287	1646	746	1051	AC. FT.

Total Acre-Feet 10359

Table B-14 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		NORTH BRANCH PERSIAN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	20	12	0	0	11	37	3	28	50	45	4	Includes water released from Ketchum Ditch storage and diverted in the Lower Kaweah.	1
2	21	13	0	0	11	33	1	25	50	37	0		2
3	18	19	0	0	8	28	1	25	50	27	0		3
4	17	23	0	31	8	25	1	25	52	27	0		4
5	21	23	0	28	8	24	0	25	52	28	0		5
6	22	26	0	24	10	23	0	26	49	28	0	6	
7	21	26	0	23	13	21	0	27	50	28	0	7	
8	22	26	0	25	17	17	0	26	49	28	0	8	
9	22	26	0	24	21	11	0	27	44	28	2	9	
10	22	25	0	17	22	11	0	30	43	24	10	10	
11	22	23	0	10	22	22	13	28	42	22	9	11	
12	22	14	0	5	25	24	19	28	47	18	11	N	12
13	22	0	0	10	23	22	15	28	48	17	9	O	13
14	18	0	0	16	24	25	18	28	48	10	2		14
15	18	0	0	10	28	19	15	28	48	30	2		15
16	16	0	0	23	30	25	16	28	48	31	9	F	16
17	11	0	0	23	28	20	16	28	48	28	3	L	17
18	5	0	0	24	29	17	17	33	52	28	3	O	18
19	3	0	1	22	28	12	19	35	44	34	0	W	19
20	3	0	0	25	29	8	26	36	43	32	0		20
21	1	0	0	26	33	15	22	40	44	29	0		21
22	0	0	0	26	34	14	23	41	41	27	0		22
23	1	0	3	25	31	16	32	46	36	20	0		23
24	2	0	1	14	31	16	28	42	31	21	0		24
25	3	0	1	13	31	18	34	47	30	24	0		25
26	0	0	0	8	31	19	41	47	29	28	0		26
27	0	0	0	6	31	23	37	46	39	24	0		27
28	0	0	0	6	31	21	34	42	42	18	0		28
29	0	0	0	6		19	33	43	45	15	0		29
30	0	0	0	9		12	29	40	45	15	0		30
31	19			10		7		35		14			31
MEAN	22	26	3	31	31	37	41	47	50	45	11		MEAN
MAX.	0	0	0	0	8	7	0	25	29	10	0		MAX.
MIN.	738	508	12	1023	1285	1198	978	2049	2656	1557	127		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 12131

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		NORTH BRANCH PERSIAN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	26	32	18	34	32	26	24	26	1
2				0	22	33	17	23	27	26	26	26	2
3				0	20	37	27	23	22	26	28	28	3
4				0	23	32	37	22	20	26	26	29	4
5				0	21	30	40	25	18	26	22	23	5
6				0	16	27	26	28	17	23	26	20	6
7				0	16	21	27	31	20	11	27	21	7
8				0	17	20	28	23	20	10	27	24	8
9				0	20	21	35	22	20	14	26	28	9
10				0	20	21	37	31	24	19	25	24	10
11				0	22	25	37	26	27	24	25	27	11
12	N	N	N	0	29	17	33	25	25	23	20	27	12
13	O	O	O	0	29	0	32	27	26	24	11	26	13
14				0	29	0	32	29	26	23	23	26	14
15				0	36	0	31	27	26	23	24	22	15
16				0	31	0	35	30	26	22	23	15	16
17	F	F	F	11	10	0	37	35	28	22	23	13	17
18	L	L	L	35	1	0	33	35	29	21	25	10	18
19	O	O	O	30	7	0	28	36	26	25	24	12	19
20	W	W	W	12	19	0	34	35	30	24	25	0	20
21				32	18	0	37	33	30	23	26	0	21
22				27	22	7	38	33	31	25	27	0	22
23				1	21	9	38	30	32	23	27	0	23
24				1	24	11	40	30	32	23	27	0	24
25				13	35	8	38	30	28	21	24	0	25
26				24	33	18	36	31	28	21	24	0	26
27				24	33	27	34	31	28	18	25	0	27
28				28	32	19	34	33	27	25	27	0	28
29				27	32	19	33	33	27	18	28	0	29
30				25	29	19	35	34	27	20	27	0	30
31				25	25	19	31	31		21	25		31
MEAN				35	36	37	40	36	32	26	28	29	MEAN
MAX.				0	1	0	17	22	17	10	11	0	MAX.
MIN.				625	1317	936	1958	1817	1545	1341	1521	847	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 11907

Table B-15

WATSON DITCH

Point of Diversion: Prior to 1960, 13 miles below McKay Point on the south bank of Mill Creek in the SE 1/4, Section 27, T18S, R24E, MDB&M. After 1960, located 1,000 feet south of the northeast corner of the NW 1/4 of the SE 1/4, Section 34, T18S, R24E, M08&M.

Maximum Diversion Capacity: Prior to 1960, 72 cfs; after 1960, 60 cfs.

Location: Prior to 1960, 0.5 mile below head of ditch in SW 1/4, Section 27, T18S, R24E, MDB&M. After 1960, station located in the SE 1/4, Section 34, T18S, R24E, M08&M.

Gage: Prior to 1960, a concrete weir consisting of two sections, each 10 feet in length, with the same crest elevations, one across the head of Evans Ditch and the other across the head of Watson Ditch, and a staff gage and water-stage recorder above the weir. Since 1960, an open-channel section has been used with staff gage and water-stage recorder rated by frequent current meter measurements.

Operating Agencies: Prior to 1960, Evans and Watson Ditch Companies; after 1960, Watson Ditch Company.

Gross Service Area: Prior to 1960, 3,925 acres; after 1960, approximately 3,800 acres.

Period of Record: Intermittent during the years ending September 30, 1917 and 1918; no record during the year ending September 30, 1919; continuous from February 23, 1920 to current year.

Remarks: Includes water from Ketchum Ditch (Table B-19a).

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		WATSON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	9				0	18	16		1
2				0	10				0	18	16		2
3				0	11				0	18	5		3
4				0	12				0	18	0		4
5				0	13				0	16	0		5
6				0	13				0	16	0		6
7				0	9				1	18	0		7
8				0	7				1	18	0		8
9				0	7				4	18	0		9
10				0	4				10	18	0		10
11				0	0				12	19	0		11
12	N	N	N	0	0	N	N	N	13	18	0		12
13	O	O	O	0	0	O	O	O	13	18	0		13
14				0	0				8	18	0		14
15				0	0				7	18	0		15
16	F	F	F	0	0	F	F	F	12	17	0		16
17	L	L	L	0	0	L	L	L	15	17	0		17
18	O	O	O	0	0	O	O	O	17	16	0		18
19	W	W	W	0	0	W	W	W	18	17	0		19
20				0	0				19	16	0		20
21				0	0				19	16	0		21
22				4	0				18	16	0		22
23				11	0				18	18	0		23
24				11	0				18	18	0		24
25				11	0				18	16	0		25
26				11	0				17	14	0		26
27				9	0				18	15	0		27
28				9	0				16	15	0		28
29				10	0				16	15	0		29
30				9					17	15	0		30
31				10						15	0		31
MEAN				11	13				19	19	16		MEAN
MAX.				0	0				0	14	0		MAX.
MIN.				188	188				645	1037	73		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2131

Table B-15 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		WATSON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes water released from Ketchum Ditch Storage and diverted in the Lower Kaveah.								0	15	4		1
2									0	16	2		2
3									0	14	1		3
4									0	15	0		4
5									0	19	0		5
6									0	15	0		6
7									0	13	0		7
8									0	13	0		8
9									0	14	0		9
10									0	15	0		10
11									0	15	0		11
12	N	N	N	N	N	N	N	N	0	18	0	N	12
13	O	O	O	O	O	O	O	O	0	24	0	O	13
14									0	28	0		14
15									0	26	0		15
16	F	F	F	F	F	F	F	F	0	25	0	F	16
17	L	L	L	L	L	L	L	L	0	29	0	L	17
18	O	O	O	O	O	O	O	O	0	26	0	O	18
19	W	W	W	W	W	W	W	W	0	14	0	W	19
20									0	16	0		20
21									0	16	0		21
22									0	15	0		22
23									3	15	0		23
24									7	12	0		24
25									10	20	0		25
26									13	10	0		26
27									14	5	0		27
28									14	3	0		28
29									13	7	0		29
30									14	3	0		30
31										3	0		31
MEAN									14	29	4		MEAN
MAX.									0	3	0		MAX.
MIN.									175	990	14		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1119

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		WATSON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	11	9	3	17	31	33	31	0	1
2				0	11	15	3	17	29	33	31	0	2
3				0	9	8	4	15	29	35	31	0	3
4				0	7	19	6	11	30	34	30	0	4
5				0	7	8	5	10	30	34	30	0	5
6				0	8	0	6	11	30	34	30	13	6
7				0	6	2	6	12	30	34	30	25	7
8				0	5	7	6	13	30	35	30	25	8
9				0	4	7	6	15	30	34	30	24	9
10				0	3	9	3	15	30	32	29	24	10
11				0	0	14	1	15	30	32	30	24	11
12	N	N	N	0	0	13	1	15	30	32	30	20	12
13	O	O	O	0	0	13	1	15	29	32	30	15	13
14				0	2	13	1	16	32	33	29	14	14
15				0	4	13	1	21	34	34	29	13	15
16	F	F	F	0	6	18	2	21	34	34	6	13	16
17	L	L	L	0	11	18	1	19	34	33	2	13	17
18	O	O	O	0	14	9	1	22	34	33	0	13	18
19	W	W	W	0	13	6	1	23	35	33	0	15	19
20				0	11	1	1	24	35	30	0	17	20
21				2	13	0	1	24	35	29	0	17	21
22				6	14	0	1	24	34	30	0	16	22
23				7	11	0	1	24	34	28	0	16	23
24				5	10	2	4	25	34	29	0	16	24
25				7	10	6	13	29	35	31	0	16	25
26				9	11	6	14	30	35	31	0	16	26
27				9	10	7	16	30	35	31	0	16	27
28				9	9	8	14	30	35	31	0	15	28
29				9	9	9	16	31	34	28	0	14	29
30				9	9	9	16	32	34	28	0	15	30
31				9		10		33		31	0		31
MEAN				9	14	19	16	33	35	35	31	25	MEAN
MAX.				0	0	0	1	10	29	28	0	0	MAX.
MIN.				161	496	510	307	1267	1926	1966	908	843	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 8324

Table B-15 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		WATSON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	15	14	Includes water released from Ketchum Ditch storage and diverted in the Lower Kaweah.	0	10	22	9	11	16	12	7		1
2	16	12		0	10	21	7	8	14	11	12		2
3	16	11		3	9	17	7	7	13	9	18		3
4	18	12		6	9	17	5	7	11	11	20		4
5	20	13		8	9	16	4	7	10	15	13		5
6	20	14		8	11	15	7	7	10	15	12		6
7	20	15		8	14	15	5	7	10	15	5		7
8	20	15		9	16	14	3	7	10	16	5		8
9	20	14		7	18	12	3	7	9	16	7		9
10	20	14		7	19	11	3	8	8	16	7		10
11	20	13	5	19	11	5	5	8	15	7		11	
12	21	8	N	4	18	11	6	5	7	15		12	
13	18	5	O	5	16	11	6	4	7	15		13	
14	17	4		7	14	11	7	5	7	11		14	
15	16	3		8	16	11	7	5	9	13		15	
16	15	0	F	8	18	11	7	6	10	13		16	
17	14	0	L	9	18	11	7	8	10	11		17	
18	17	0	O	10	18	11	7	11	11	12		18	
19	18	0	W	10	19	11	7	13	10	13		19	
20	18	0		10	19	11	7	13	10	12		20	
21	16	0		10	21	11	7	13	13	12		21	
22	17	0		11	20	12	7	12	12	12		22	
23	18	0		11	20	10	13	12	12	12		23	
24	16	0		12	19	10	12	12	12	13		24	
25	17	0		12	19	10	13	12	12	13		25	
26	5	0		10	19	11	16	12	14	13		26	
27	0	0		9	20	13	16	12	12	13		27	
28	0	0		9	20	13	14	13	10	13		28	
29	0	0		9	9	13	14	13	11	13		29	
30	0	0		9	9	11	11	13	11	13		30	
31	16	0		10	11	11	11	15	10	10		31	
MEAN	21	15		11	21	22	16	15	16	16	20		MEAN
MAX.	0	0		0	9	10	3	4	7	9	0		MAX.
MIN.	920	331		484	908	783	480	575	633	795	238		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 6147

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		WATSON DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	7	18	18	15	27	25	22	22	1
2				0	6	18	18	15	27	25	22	24	2
3				0	6	20	19	12	26	25	23	27	3
4				0	7	19	18	12	23	24	24	27	4
5				0	6	15	20	14	22	23	21	27	5
6				0	5	15	16	15	20	22	23	25	6
7				0	5	14	17	16	20	16	23	23	7
8				0	5	13	17	14	20	16	23	22	8
9				0	7	13	18	14	20	17	23	23	9
10				0	10	14	19	16	22	19	23	22	10
11				0	15	15	19	15	25	21	24	22	11
12	N		N	0	18	10	18	15	25	21	11	22	12
13	O		O	0	18	1	18	16	25	21	4	22	13
14				0	18	0	18	16	25	22	18	22	14
15				0	21	0	19	16	25	23	19	22	15
16	F		F	2	22	0	20	17	25	23	18	20	16
17	L		L	1	7	0	19	18	25	23	19	19	17
18	O		O	0	5	0	19	17	26	22	20	5	18
19	W		W	0	7	0	17	17	25	22	20	0	19
20				0	9	0	19	19	24	24	20	0	20
21				1	11	0	19	21	23	25	21	0	21
22				1	13	10	19	21	23	25	21	0	22
23				0	15	18	21	19	25	22	21	0	23
24				0	18	18	20	18	27	21	21	0	24
25				1	20	17	20	18	24	20	20	0	25
26				6	19	21	18	18	24	19	20	0	26
27				6	17	26	18	18	24	19	20	0	27
28				7	17	19	16	23	26	21	22	0	28
29				7	18	18	14	27	26	18	23	0	29
30				6	18	18	15	27	26	19	22	0	30
31				6	18	18	18	27	26	20	22	0	31
MEAN				7	22	26	21	27	27	25	24	27	MEAN
MAX.				0	5	0	14	12	20	16	4	0	MAX.
MIN.				87	698	730	1083	1083	1438	1315	1256	785	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 8475

Table B-16

ELK BAYOU AT ROAD 96

Location: 1942-1953, 1 mile east of Elk Bayou Avenue, 3.6 miles below Highway 99. 1957 to current year, 5.8 miles south of Tulare and 0.8 mile west of Highway 99 in the SW 1/4, Section 36, T20S, R24E, MDB&M.

Period of Record: 1942-1953; 1957 to current year.

Remarks: Formerly published as Elk Bayou near Tulare.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		ELK BAYOU AT ROAD 96

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Table B-16 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		ELK BAYOU AT ROAD 96

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

No flow for the year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		ELK BAYOU AT ROAD 96

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	0	42	98	36	0			1
2					0	0	15	94	29	0			2
3					0	0	3	92	29	0			3
4					0	118	1	84	25	0			4
5					0	482	1	79	27	1			5
6					0	339	25	99	20	5			6
7					0	174	104	102	10	1			7
8					0	83	135	95	1	0			8
9					0	47	76	88	1	0			9
10					356	33	21	88	0	0			10
11					445	23	5	89	0	0			11
12	N	N	N	N	197	15	5	93	0	0	N	N	12
13	O	O	O	O	127	7	2	95	0	0	O	O	13
14					124	6	0	94	0	0			14
15					54	4	0	95	0	0			15
16	F	F	F	F	15	3	12	95	0	0	F	F	16
17	L	L	L	L	0	3	78	92	0	0	L	L	17
18	O	O	O	O	0	6	21	90	0	0	O	O	18
19	W	W	W	W	0	4	0	88	0	0	W	W	19
20					0	26	0	87	1	0			20
21					0	14	29	88	5	0			21
22					0	33	64	92	1	0			22
23					0	47	66	89	0	0			23
24					0	17	59	81	0	0			24
25					0	3	61	77	0	0			25
26					0	1	93	78	0	0			26
27					0	0	82	81	0	0			27
28					0	0	82	78	0	0			28
29					0	0	92	70	0	0			29
30					0	0	94	64	0	0			30
31					0	0	0	57	0	0			31
MEAN					445	482	135	102	36	5			MEAN
MAX.					0	0	0	57	0	0			MAX.
MIN.					2614	2951	2515	5340	367	14			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 13801

Table B-16 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		ELK BAYOU BELOW ROAD 96

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0							1
2						0							2
3						0							3
4						0							4
5						0							5
6						0							6
7						0							7
8						0							8
9						0							9
10						0							10
11						0							11
12	N	N	N	N	N	0	N	N	N	N	N	N	12
13	O	O	O	O	O	0	O	O	O	O	O	O	13
14						0							14
15						0							15
16	F	F	F	F	F	0	F	F	F	F	F	F	16
17	L	L	L	L	L	0	L	L	L	L	L	L	17
18	O	O	O	O	O	0	O	O	O	O	O	O	18
19	W	W	W	W	W	0	W	W	W	W	W	W	19
20						0							20
21						0							21
22						0							22
23						0							23
24						0							24
25						0							25
26						0							26
27						0							27
28						0							28
29						15							29
30						0							30
31						0							31
MEAN						15							MEAN
MAX.						0							MAX.
MIN.						0							MIN.
AC. FT.						30							AC. FT.

Total Acre-Feet 30

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		ELK BAYOU AT ROAD 96

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	15	264	0	17	4				1
2				0	16	258	0	23	10				2
3				0	17	273	0	21	11				3
4				0	13	302	0	17	0				4
5				0	4	258	0	18	0				5
6				0	4	318	1	13	0				6
7				0	4	409	12	4	0				7
8				0	3	303	1	2	0				8
9				0	3	263	0	2	14				9
10				0	3	246	0	2	10				10
11				0	2	285	1	2	8				11
12	N	N	N	0	2	269	2	4	0	N	N	N	12
13	O	O	O	0	1	167	2	2	0	O	O	O	13
14				0	0	79	1	0	0				14
15				0	0	77	0	0	0				15
16	F	F	F	0	1	80	0	0	0	F	F	F	16
17	L	L	L	60	44	64	0	0	0	L	L	L	17
18	O	O	O	85	66	49	0	0	0	O	O	O	18
19	W	W	W	169	57	34	0	0	0	W	W	W	19
20				92	303	10	0	0	0				20
21				79	357	0	12	0	0				21
22				76	297	1	3	0	0				22
23				76	267	2	0	0	0				23
24				75	372	0	0	0	0				24
25				75	387	0	0	0	0				25
26				75	324	0	2	0	0				26
27				75	312	0	13	0	0				27
28				64	306	0	18	0	0				28
29				44	270	0	14	5	0				29
30				23	0	0	18	3	0				30
31				11	0	0	0	5	0				31
MEAN				169	387	409	18	23	14				MEAN
MAX.				0	0	0	-0	0	0				MAX.
MIN.				2138	6843	7956	198	278	113				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 17526

Table B-17

LONGS CANAL

Point of Diversion: 1.25 miles below McKay Point on the south bank of St. Johns River in the SE 1/4, Section 5, T18S, R27E, MDB&M.

Maximum Diversion Capacity: 20-cfs pump capacity.

Location: 500 feet below head of canal in the SE 1/4, Section 5, T18S, R27E, MDB&M, prior to December 1938; since 1938, at the pump on the river bank.

Gage: Open-channel section, staff gage and water-stage recorder rated by current meter measurements prior to the flood of December 1938, when diversion works and gaging station were destroyed. Since that time, diversions and measurements have been made by means of a rated low-head electric pump.

Operating Agency: Individual landowners.

Gross Service Area: 880 acres.

Period of Record: Intermittent during the years 1922, 1924, 1926, 1927 and 1931; no record during the years 1923, 1928, 1929 and 1930; continuous from October 1, 1924 to September 30, 1925 and from February 19, 1931 to current year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		LONGS CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0				0	0	5.6	6.4	13.2	13.2	10.4	3.8	1
2	0				0	5.9	5.6	6.4	13.2	13.2	9.4	3.8	2
3	0				0	5.2	3.2	8.1	13.2	13.2	9.4	3.8	3
4	0				0	5.2	3.2	9.7	13.2	13.2	8.3	3.8	4
5	0				4.0	5.2	5.6	9.7	11.3	12.4	8.3	3.8	5
6	0				3.9	5.2	7.2	9.7	9.4	13.2	8.3	3.8	6
7	0				0	5.2	7.2	9.7	9.4	13.2	8.3	3.8	7
8	0				0	5.2	7.2	10.0	9.4	13.2	8.3	3.8	8
9	0				0	5.2	7.2	10.7	12.3	13.2	8.3	3.8	9
10	0				5.8	5.2	7.2	12.2	11.3	13.2	8.3	3.8	10
11	1.8				10.3	5.2	7.2	13.0	9.4	13.2	8.3	3.8	11
12	2.4				10.3	7.9	7.2	11.4	9.4	13.2	8.3	3.8	12
13	2.4				4.3	7.9	7.2	9.7	12.3	13.2	8.3	3.8	13
14	2.4				2.4	7.9	9.7	13.2	13.2	12.8	8.3	3.8	14
15	2.4				2.4	7.9	7.2	9.7	13.2	13.2	8.3	3.8	15
16	2.4				2.4	7.9	7.2	9.7	13.2	13.2	8.3	3.8	16
17	2.4				2.4	7.9	3.6	9.7	13.2	13.2	8.3	3.8	17
18	2.4				2.4	7.9	7.2	9.7	13.2	13.2	8.3	.9	18
19	2.4				2.4	7.9	7.2	9.7	13.2	13.2	8.3	0	19
20	2.4				2.4	7.9	7.2	9.7	13.2	13.2	8.3	0	20
21	2.4				2.4	7.9	7.2	9.7	13.2	13.2	8.3	0	21
22	6.5				1.8	7.9	7.2	11.1	13.2	13.2	8.3	0	22
23	7.9				0	7.9	6.8	13.2	13.2	13.2	8.3	0	23
24	7.9				0	7.9	6.4	13.2	13.2	13.2	8.3	0	24
25	7.9				0	7.9	6.4	13.2	13.2	13.2	8.3	0	25
26	7.9				0	5.2	6.4	13.2	13.2	13.2	8.3	0	26
27	7.9				0	2.4	6.4	13.2	13.2	13.2	8.3	0	27
28	7.9				0	2.4	6.4	13.2	13.2	13.2	5.0	0	28
29	7.9					6.1	6.4	13.2	13.2	13.2	3.8	0	29
30	7.9					7.9	6.4	13.2	13.2	13.2	3.8	0	30
31	2.6					4.0		13.2		13.2	3.8		31
MEAN	7.9				10.3	7.9	7.2	13.2	13.2	13.2	10.4	3.8	MEAN
MAX.	0				0	0	3.2	6.4	9.4	12.4	3.8	0	MAX.
MIN.	0				0	0						0	MIN.
AC. FT.	195				118	379	384	663	737	809	486	130	AC. FT.

Total Acre-Feet 3901

Table B-17 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		LONGS CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	10.2	0	7.0		0	3.4	11.7	11.4	11.4	11.9	12.8	11.1	1
2	10.2	0	7.0		0	3.4	11.7	11.4	6.5	11.9	12.8	11.1	2
3	10.2	0	7.0		0	3.4	11.7	11.4	6.5	11.9	12.8	11.1	3
4	10.2	0	7.0		0	3.4	11.7	11.4	7.0	11.9	12.8	11.1	4
5	10.2	0	7.0		0	3.4	11.7	11.4	0	11.9	12.8	11.1	5
6	7.6	0	7.0		0	3.4	11.7	11.4	0	11.9	12.8	11.1	6
7	6.8	0	7.0		0	9.1	11.7	11.4	0	11.9	12.8	11.1	7
8	6.8	0	7.0		0	12.0	11.7	11.4	0	11.9	12.8	11.1	8
9	6.8	0	7.0		0	9.5	11.7	11.4	0	11.9	12.8	11.1	9
10	6.8	0	5.2		0	8.6	11.7	11.4	0	11.9	12.8	11.1	10
11	6.8	0	7.0		0	11.1	11.7	11.4	0	11.9	0	11.1	11
12	6.8	0	7.0	N	0	12.0	11.7	11.4	0	10.2	0	11.1	12
13	6.8	0	7.0	O	0	12.0	11.7	11.4	0	0	0	11.1	13
14	6.8	0	7.0		0	12.0	11.7	11.4	0	0	0	9.1	14
15	6.8	0	7.0		2.5	12.0	11.7	11.4	8.6	0	0	2.4	15
16	6.8	0	7.0	F	3.4	12.0	11.7	11.4	11.4	0	0	0	16
17	6.8	0	7.0	L	3.4	12.0	11.7	5.7	11.4	0	0	0	17
18	6.8	0	7.0	O	3.4	12.0	11.7	5.7	11.4	0	0	0	18
19	5.1	0	7.0	W	3.4	12.0	11.7	10.4	11.4	0	0	0	19
20	2.6	0	7.0		3.4	12.0	11.7	11.4	11.4	9.4	0	0	20
21	3.4	0	7.0		3.4	12.0	11.7	11.4	11.4	12.6	0	0	21
22	3.4	5.1	7.0		3.4	12.0	11.7	11.4	11.4	12.6	0	0	22
23	3.4	9.4	7.0		3.4	12.0	11.7	11.4	11.4	12.6	0	0	23
24	3.4	10.2	1.7		3.4	12.0	11.7	11.4	11.4	12.6	0	8.3	24
25	2.6	10.2	0		3.4	12.0	11.7	11.4	11.4	12.6	0	11.1	25
26	0	10.2	0		3.4	12.0	11.7	11.4	11.4	12.6	0	11.1	26
27	0	10.2	0		3.4	12.0	11.7	11.4	11.4	12.6	0	11.1	27
28	0	10.2	0		3.4	12.0	11.7	11.4	11.4	12.6	0	11.1	28
29	0	10.2	0			12.0	11.7	11.4	11.4	12.6	8.3	11.1	29
30	0	10.2	0			12.0	11.7	11.4	11.4	12.6	11.1	11.1	30
31	0		0			12.0		11.4		12.6			31
MEAN	10.2	10.2	7.0		3.4	12.0	11.7	11.4	11.4	12.6	12.8	11.1	MEAN
MAX.	0	0	0		0	3.4	11.7	5.7	0	0	0	0	MAX.
MIN.	326	170	319		93	616	696	676	419	573	292	458	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4638

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		LONGS CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	12.7	9.6	6.5	10.3	11.9	11.9	1
2						0	12.7	12.8	11.7	12.8	11.9	11.9	2
3						0	12.7	13.9	12.7	12.8	11.9	11.9	3
4						0	12.7	12.6	12.7	12.8	9.0	11.9	4
5						0	12.7	9.6	12.7	12.8	0	11.9	5
6						0	12.7	7.2	12.7	12.8	0	7.4	6
7						0	9.5	3.0	11.7	12.8	6.5	5.8	7
8						0	0	4.3	11.7	12.8	11.1	5.8	8
9						0	0	0	12.7	12.8	11.9	5.8	9
10						0	3.2	10.2	12.7	12.8	11.9	5.8	10
11						0	12.7	13.9	12.7	12.8	11.9	5.8	11
12	N			N	N	0	12.7	13.9	12.7	12.8	11.9	0	12
13	O	O	O	O	O	0	12.7	13.9	12.7	12.8	11.9	0	13
14						0	12.7	13.9	10.6	12.8	11.9	0	14
15						0	12.7	13.9	10.6	10.3	11.9	0	15
16	F			F	F	0	12.7	13.9	12.7	9.4	11.9	0	16
17	L			L	L	0	12.7	13.9	12.7	0.0	11.9	0	17
18	O			O	O	0	5.6	13.9	12.7	2.3	11.9	0	18
19	W			W	W	0	3.1	10.2	12.7	10.9	11.9	0	19
20						0	0.8	0	12.7	0	11.9	0	20
21						0	0	0	12.7	2.3	11.9	0	21
22						0	0	0	11.7	10.9	11.9	0	22
23						9.0	0	0	8.6	12.8	11.9	0	23
24						13.8	0	0	8.6	12.8	11.9	0	24
25						13.8	4.8	0	8.6	12.8	11.9	3.2	25
26						13.8	12.7	0	6.4	12.8	11.9	3.9	26
27						13.8	12.7	0	4.1	12.8	11.9	3.9	27
28						13.8	12.7	0	4.1	12.8	11.9	3.9	28
29						13.8	12.7	0	4.1	12.8	11.9	3.9	29
30						13.8	12.7	0	4.1	12.8	11.9	3.9	30
31						13.8		0		10.5	11.9		31
MEAN						13.8	12.7	13.9	12.7	12.8	11.9	11.9	MEAN
MAX.						0	0	0	4.1	0	0	0	MAX.
MIN.						237	507	406	622	666	666	235	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 3339

Table B-17 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		LONGS CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8.6			0	13.6	13.6	0	13.1	0	12.1	12.1	11.8	1
2	8.6			0	11.1	13.6	0	13.1	2.3	12.1	12.1	11.8	2
3	8.6			0	10.3	13.6	0	13.1	2.8	12.1	12.1	10.2	3
4	5.7			0	10.3	13.6	0	13.1	2.8	12.1	12.1	10.2	4
5	0			0	10.3	13.6	0	13.1	2.8	12.1	12.1	10.2	5
6	0			0	10.3	13.6	0	13.1	2.8	12.1	12.1	10.2	6
7	0			0	12.8	13.6	0	8.7	2.8	12.1	12.1	10.2	7
8	0			0	13.6	13.6	0	0	2.8	12.1	12.1	10.2	8
9	0			0	13.6	13.6	0	0	10.6	12.1	12.1	10.2	9
10	0			0	13.6	13.6	0	2.3	12.6	12.1	12.1	10.2	10
11	0			0	13.6	13.6	0	3.0	12.6	12.1	12.1	10.2	11
12	0	N	N	0	13.6	13.6	0	3.0	12.6	12.1	12.1	10.2	12
13	0	O	O	0	12.8	13.6	0	3.0	12.6	12.1	12.1	10.2	13
14	0			0	13.6	13.6	0	3.0	12.6	12.1	12.1	10.2	14
15	0			0	13.6	13.6	6.7	3.0	12.6	12.1	12.1	10.2	15
16	0	F	F	0	13.6	13.6	10.1	3.0	12.6	12.1	12.1	10.2	16
17	0	L	L	0	13.6	13.6	11.6	6.4	12.6	12.1	12.1	7.6	17
18	0	O	O	0	13.6	9.1	13.1	13.1	12.6	12.1	12.1	0	18
19	0	W	W	0	13.6	13.6	13.1	3.3	12.6	12.1	12.1	0	19
20	0			0	13.6	13.6	13.1	0	12.6	12.1	12.1	0	20
21	0			0	13.6	12.8	13.1	0	12.6	12.1	11.8	0	21
22	0			0	13.6	10.3	13.1	9.8	12.6	12.1	11.8	0	22
23	0			0	13.6	10.3	13.1	13.1	12.6	12.1	11.8	0	23
24	0			0	13.6	10.3	13.1	13.1	12.6	12.1	11.8	0	24
25	0			0	13.6	10.3	13.1	13.1	12.6	12.1	11.8	0	25
26	0			0	13.6	10.3	13.1	13.1	12.1	12.1	11.8	0	26
27	0			0	13.6	10.3	13.1	13.1	12.1	12.1	11.8	0	27
28	0			0	13.6	10.2	13.1	13.1	12.1	12.1	11.8	0	28
29	0			10.2		3.3	13.1	8.7	12.1	12.1	11.8	0	29
30	0			13.6		3.3	13.1	0	12.1	12.1	11.8	0	30
31	0			13.6		3.3		0		12.1	11.8	0	31
MEAN													MEAN
MAX.	8.6			13.6	13.6	13.6	13.1	13.1	12.6	12.1	12.1	11.8	MAX.
MIN.	0			0	10.3	3.3	0	0	0	12.1	11.8	0	MIN.
AC. FT.	62			74	721	718	394	451	578	744	737	315	AC. FT.

Total Acre-Feet 4824

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		LONGS CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	12	7.2	12	4.1	12.6	10.3	1
2						0	12	8.2	12	4.1	12.6	10.3	2
3						0	12	11.1	12	4.1	12.6	10.3	3
4						0	12	9.1	12	4.1	12.6	10.3	4
5						0	8	8.2	12	6.7	12.6	10.3	5
6						0	0	8.2	5.9	8.5	12.6	10.3	6
7						0	8.9	8.2	2.5	8.5	9.8	10.3	7
8						0	12	8.2	0	11.6	4.1	6.9	8
9						0	9.5	8.2	0	12.6	4.1	0	9
10						0	8.2	8.2	0	12.6	4.1	0	10
11						0	8.2	8.2	0	12.6	4.1	0	11
12	N	N	N	N	N	0	11	2	0	12.6	4.1	0	12
13	O	O	O	O	O	0	12	0	0	12.6	4.1	0	13
14						0	12	0	0	12.6	4.1	0	14
15						0	12	0	9.5	12.6	4.1	0	15
16	F	F	F	F	F	0	12	0	12.6	12.6	4.1	0	16
17	L	L	L	L	L	0	12	0	12.6	12.6	4.1	0	17
18	O	O	O	O	O	0	12	0	9.8	12.6	10.5	0	18
19	W	W	W	W	W	0	12	0	4.1	12.6	12.6	0	19
20						0	12	0	5.2	9.5	12.6	0	20
21						7	12	2.9	8.7	8.5	12.6	0	21
22						12	12	3.8	3.3	8.5	12.6	0	22
23						12	12	3.8	4.1	8.5	12.6	0	23
24						12	12	3.8	4.1	8.5	12.6	0	24
25						12	12	3.8	4.1	8.5	12.6	0	25
26						12			4.1	8.5	12.6	0	26
27						12	5.9	3.8	10.5	8.5	12.6	0	27
28						12	3.8	3.8	10	8.5	12.6	0	28
29						12	3.8	10	12.6	8.5	12.6	0	29
30						12	3.8	12	12.6	11.6	12.6	0	30
31						12	3.8	12	9.8	12.6	12.6	0	31
MEAN													MEAN
MAX.						12	12	12	12.6	12.6	12.6	10.3	MAX.
MIN.						0	0	0	0	4.1	4.1	0	MIN.
AC. FT.						252	577	331	389	604	592	157	AC. FT.

Total Acre-Feet 2902

Table B-18

SWEENEY DITCH

Point of Diversion: 3.5 miles below McKay Point on south bank of St. Johns River in the NE 1/4, Section 1, T18S, R26E, MDB&M.

Description: Diversion by open ditch and two electric pumps.

Remarks: Does not include pump on north side of river. Due to intermittent operation of the pump and the condition of the measuring station, continuous measurement was not possible. Water may have flowed other days. Diversions partly estimated.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		SWEENEY DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	6.1			1
2									0	6.1			2
3									0	9.2			3
4									0	5.2			4
5									0	6.1			5
6									0	9.2			6
7									0	7.4			7
8									0	7.4			8
9									0	9.2			9
10									0	9.2			10
11									11.2	9.2			11
12	N	N	N	N	N	N	N	N	16.8	9.2	N	N	12
13	O	O	O	O	O	O	O	O	16.8	7.4	O	O	13
14									16.8	6.4			14
15									16.8	6.4			15
16	F	F	F	F	F	F	F	F	15.7	6.4	F	F	16
17	L	L	L	L	L	L	L	L	15.7	6.4	L	L	17
18	O	O	O	O	O	O	O	O	14.7	8.4	O	O	18
19	W	W	W	W	W	W	W	W	14.7	4.1	W	W	19
20									14.7	0			20
21									14.7	0			21
22									11.4	0			22
23									10.4	0			23
24									10.4	0			24
25									10.4	0			25
26									10.4	0			26
27									7.4	0			27
28									6.1	0			28
29									6.1	0			29
30									6.1	0			30
31										0			31
MEAN									16.8	9.2			MEAN
MAX.									0	0			MAX.
MIN.									491	276			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 767

Table B-18 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		SWEENEY DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1											0		1
2											0		2
3											3		3
4											6		4
5											8		5
6											8		6
7											5		7
8											2		8
9											0		9
10											0		10
11											0		11
12	N	N	N	N	N	N	N	N	N	N	0	N	12
13	O	O	O	O	O	O	O	O	O	O	0	O	13
14											0		14
15											0		15
16	F	F	F	F	F	F	F	F	F	F	0	F	16
17	L	L	L	L	L	L	L	L	L	L	0	L	17
18	O	O	O	O	O	O	O	O	O	O	0	O	18
19	W	W	W	W	W	W	W	W	W	W	0	W	19
20											0		20
21											0		21
22											0		22
23											0		23
24											0		24
25											0		25
26											0		26
27											0		27
28											0		28
29											0		29
30											0		30
31											0		31
MEAN											8		MEAN
MAX.											0		MAX.
MIN.											63		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 63

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		SWEENEY DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	4.8	5.5		1
2									0	4.8	5.5		2
3									0	4.8	5.5		3
4									0	4.8	5.5		4
5									0	5.1	5.5		5
6									0	5.5	5.5		6
7									0	5.5	5.5		7
8									0	5.5	5.5		8
9									0	5.5	2.8		9
10									0	5.5	0		10
11									0	5.5	0		11
12	N	N	N	N	N	N	N	N	0	5.5	0	N	12
13	O	O	O	O	O	O	O	O	0	5.5	0	O	13
14									0	5.5	0		14
15									4.3	5.5	0		15
16	F	F	F	F	F	F	F	F	6.4	5.5	0	F	16
17	L	L	L	L	L	L	L	L	6.4	5.5	0	L	17
18	O	O	O	O	O	O	O	O	6.4	5.5	0	O	18
19	W	W	W	W	W	W	W	W	6.4	5.5	0	W	19
20									6.4	5.5	0		20
21									6.4	5.5	0		21
22									6.4	5.5	0		22
23									6.4	5.5	0		23
24									6.4	5.5	0		24
25									6.4	5.5	0		25
26									6.4	5.5	0		26
27									5.1	5.5	0		27
28									4.8	5.5	0		28
29									4.8	5.5	0		29
30									4.8	5.5	0		30
31									4.8	5.5	0		31
MEAN									6.4	5.5	5.5		MEAN
MAX.									0	4.8	0		MAX.
MIN.									187	330	93		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 610

Table B-18 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		SWEENEY DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

No diversion for the year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		SWEENEY DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

No diversion for the year.

Table B-19

KETCHUM DITCH AT HEAD

Point of Diversion: 5 miles below McKay Point on the south bank of St. Johns River in the NE 1/4, Section 11, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 125 cfs.

Location: 500 feet below head of ditch in the NE 1/4, Section 11, T18S, R26E, MDB&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements prior to installation of Parshall flume in December 1936.

Operating Agency: Visalia and Kaweah Water Company, Tulare Irrigation Company, and Tulare Irrigation District.

Gross Service Area: Visalia and Kaweah Water Company, 18,300 acres; Tulare Irrigation Company, 7,300 acres; Tulare Irrigation District, 75,350 acres.

Period of Record: Intermittent during the years ending September 30, 1920 and 1924; no record during the years ending September 30, 1919, 1921, 1922 and 1923; continuous from May 1, 1917 to September 30, 1918 and from October 1, 1924 to current year.

Remarks: Tables B19, B19a and B19b list mean daily diversions of Ketchum Ditch from the St. Johns River which include deliveries for Visalia and Kaweah Water Company and for Tulare Irrigation Company.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		KETCHUM DITCH AT HEAD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	31				0	41			1
2				0	32				0	41			2
3				0	30				0	41			3
4				0	37				0	41			4
5				0	35				0	41			5
6													6
7				22	30				0	41			7
8				24	23				0	41			8
9				24	24				0	41			9
10				31	26				0	41			10
11				37	11				0	41			11
12	N	N	N	37	8	N	N	N	0	41	N	N	12
13	O	O	O	37	8	O	O	O	18	41	O	O	13
14				37	7				35	41			14
15				37	7				36	40			15
16				36	7	F	F	F	39	37	F	F	16
17	L	L	L	36	6	L	L	L	38	35	L	L	17
18	O	O	O	36	6	O	O	O	39	36	O	O	18
19	W	W	W	34	8	W	W	W	41	35	W	W	19
20				33	8				41	35			20
21				36	8				40	35			21
22				34	8				41	36			22
23				32	9				41	35			23
24				31	9				41	35			24
25				32	8				41	35			25
26				32	6				41	22			26
27				30	3				41	0			27
28				30	0				41	0			28
29				30	0				41	0			29
30				27					40	0			30
31				30						0			31
MEAN				37	37				41	41			MEAN
MAX.				0	37				0	0			MAX.
MIN.				1597	857				1379	1964			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 5797

Table B-19 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		KETCHUM DITCH AT HEAD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	9	10	6	17								1
2	0	9	8	6	24								2
3	0	8	8	7	18								3
4	0	8	5	8	17								4
5	0	8	3	12	7								5
6	0	9	2	10	2								6
7	0	8	2	10	1								7
8	0	6	1	10	0								8
9	0	6	0	10	0								9
10	0	5	2	9	0								10
11	0	6	2	12	0								11
12	0	7	0	10	0	N	N	N	N	N	N	N	12
13	0	10	0	10	0	O	O	O	O	O	O	O	13
14	0	10	0	11	0								14
15	0	11	0	11	0								15
16	0	11	0	11	0	F	F	F	F	F	F	F	16
17	0	11	0	10	0	L	L	L	L	L	L	L	17
18	0	11	0	10	0	O	O	O	O	O	O	O	18
19	0	11	0	13	0	W	W	W	W	W	W	W	19
20	0	11	0	15	0								20
21	0	11	0	14	0								21
22	0	10	0	18	0								22
23	0	4	0	20	0								23
24	0	3	0	19	0								24
25	5	6	4	17	0								25
26	13	6	5	18	0								26
27	13	6	5	16	0								27
28	13	5	6	17	0								28
29	12	5	6	18									29
30	11	7	6	19									30
31	10		6	17									31
MEAN													MEAN
MAX.	13	11	10	20	24								MAX.
MIN.	0	3	0	6	0								MIN.
AC. FT.	153	472	161	781	171								AC. FT.

Total Acre-Feet 1738

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		KETCHUM DITCH AT HEAD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	45	37	38	44	43	36	40	0	1
2				0	49	37	40	46	42	36	40	0	2
3				9	56	37	40	46	42	37	40	0	3
4				30	52	39	41	46	42	37	40	0	4
5				37	51	37	41	46	42	37	40	0	5
6				37	56	35	41	46	42	38	41	23	6
7				37	44	35	40	46	42	39	43	56	7
8				36	36	40	40	46	42	40	46	52	8
9				36	41	37	40	47	44	40	46	51	9
10				39	41	37	40	50	45	40	46	51	10
11				40	36	38	40	58	45	40	46	48	11
12	N	N	N	41	37	38	40	58	45	40	46	40	12
13	O	O	O	42	28	38	40	58	45	40	46	40	13
14				42	14	38	40	58	45	40	46	40	14
15				45	27	38	40	58	44	40	45	40	15
16	F	F	F	35	36	38	41	58	44	40	10	40	16
17	L	L	L	22	37	33	41	51	44	40	0	40	17
18	O	O	O	22	37	27	41	45	44	40	0	40	18
19	W	W	W	21	37	27	41	45	44	40	0	40	19
20				31	37	32	41	45	44	40	0	40	20
21				49	37	40	41	45	42	40	0	40	21
22				48	38	38	41	45	42	40	0	40	22
23				42	39	38	41	43	41	40	0	39	23
24				34	39	38	41	43	41	40	0	39	24
25				42	38	39	42	43	42	40	0	38	25
26				47	38	40	42	43	42	40	0	38	26
27				46	38	40	42	43	41	40	0	38	27
28				46	37	41	42	43	38	40	0	39	28
29				46		42	42	43	38	40	0	39	29
30				46		42	44	43	37	40	0	39	30
31				45		41		43		40	0		31
MEAN													MEAN
MAX.				49	56	42	44	58	45	40	46	56	MAX.
MIN.				0	14	27	38	43	37	36	0	0	MIN.
AC. FT.				2168	2184	2287	2428	2924	2527	2420	1311	2043	AC. FT.

Total Acre-Feet 20292

Table B-19 (Cont'd)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		KETCHUM DITCH AT HEAD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	39	44	21	26	48	46	0	43	44	0	11	Includes water for Visalia and Kaweah Water Company and for Tulare Irrigation Company.	1
2	39	44	22	26	48	49	0	43	42	0	11		2
3	39	44	21	26	49	47	0	43	41	0	11		3
4	39	45	21	26	49	48	0	43	41	0	11		4
5	38	45	27	26	49	23	9	43	14	0	11		5
6	38	45	28	26	48	1	21	43	0	0	11	6	
7	38	45	28	26	49	0	21	43	0	0	11	7	
8	38	45	28	26	49	0	22	43	0	0	8	8	
9	38	45	28	26	49	0	30	43	0	0	0	9	
10	38	42	28	26	49	0	43	11	0	0	0	10	
11	49	31	30	26	49	0	42	0	0	0	0	11	
12	56	0	36	26	47	0	41	0	0	0	0	N	12
13	50	0	35	26	46	0	42	0	0	0	0	O	13
14	48	0	35	26	46	0	43	0	0	0	0		14
15	48	0	37	27	48	0	41	0	0	0	0		15
16	43	0	41	29	49	0	41	0	0	0	0	F	16
17	25	0	40	29	49	0	42	0	0	0	0	L	17
18	21	0	43	29	49	0	42	0	0	0	0	O	18
19	21	0	36	28	49	0	43	0	0	0	0	W	19
20	21	0	26	28	49	0	43	0	0	0	0		20
21	21	0	26	28	50	0	43	0	0	0	0		21
22	21	0	26	35	51	0	43	9	0	0	0		22
23	21	0	26	49	50	0	43	36	0	0	0		23
24	21	0	26	49	50	0	44	40	0	0	0		24
25	9	0	26	49	50	0	44	43	0	0	0		25
26	0	0	26	49	50	0	44	43	0	2	0		26
27	0	0	27	49	50	0	44	43	0	9	0		27
28	0	0	27	49	46	0	44	44	0	11	0		28
29	0	9	27	49	0	0	44	45	0	10	0		29
30	21	21	27	48	0	0	44	45	0	10	0		30
31	44		27	48	0	0		45		11	0		31
MEAN													MEAN
MAX.	56	45	43	49	51	49	44	45	44	11	11		MAX.
MIN.	0	0	21	26	46	0	0	0	0	0	0		MIN.
AC. FT.	1833	1002	1789	2055	2709	424	1989	1569	361	105	169		AC. FT.

Total Acre-Feet 14005

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		KETCHUM DITCH AT HEAD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	31	38	26	2	28	33	46	35	31	26	1
2		0	32	37	26	2	28	26	36	28	30	26	2
3		0	32	37	26	2	28	25	27	28	30	26	3
4		0	30	38	30	2	28	25	27	27	30	26	4
5		0	23	38	31	2	28	25	27	27	30	26	5
6		0	23	38	32	2	28	25	27	27	30	26	6
7		0	23	38	32	2	28	25	27	27	31	26	7
8		0	23	38	40	2	27	34	27	27	32	26	8
9		0	23	38	47	2	28	43	27	27	32	26	9
10		0	21	35	47	0	31	43	27	27	32	26	10
11		0	20	34	47	0	31	43	27	27	32	26	11
12	N	0	19	38	47	0	30	43	33	33	32	25	12
13	O	0	19	38	47	0	30	43	46	37	32	25	13
14		0	19	39	47	0	30	43	57	37	32	25	14
15		0	18	29	47	0	30	43	58	38	33	3	15
16	F	0	18	30	20	0	31	44	56	40	34	0	16
17	L	0	18	31	3	0	32	43	52	40	33	0	17
18	O	0	17	31	3	0	33	43	46	40	33	0	18
19	W	0	17	31	3	0	48	49	46	40	32	0	19
20		0	17	31	4	0	55	56	46	40	32	0	20
21		0	21	30	23	5	55	56	46	40	32	0	21
22		0	26	29	56	16	55	51	47	39	32	0	22
23		0	26	29	14	16	55	41	48	39	32	0	23
24		0	25	28	7	22	53	37	48	37	15	0	24
25		0	25	28	5	28	51	36	49	35	12	0	25
26		18	29	28	3	28	52	36	49	35	20	0	26
27		33	23	28	2	27	52	38	45	35	27	0	27
28		36	27	27	2	27	36	44	42	35	27	0	28
29		36	36	26	2	27	30	51	42	35	27	0	29
30		30	36	26	28	28	35	49	43	36	27	0	30
31			36	26	28	28		47		33	26		31
MEAN													MEAN
MAX.		36	36	38	56	28	55	56	58	40	34	26	MAX.
MIN.		0	17	26	2	0	27	25	27	27	12	0	MIN.
AC. FT.		303	1493	1989	1426	536	2194	2460	2428	2085	1805	722	AC. FT.

Total Acre-Feet 17441

Table B-19a

KETCHUM DITCH (a)

Point of Diversion: 5 miles below McKay Point on the south bank of St. Johns River in the NE 1/4, Section 11, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 125 cfs.

Location: 500 feet below head of ditch in the NE 1/4, Section 11, T18S, R26E, MDB&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements prior to installation of Parshall flume in December 1936.

Operating Agency: Visalia and Kaweah Water Company, Tulare Irrigation Company, and Tulare Irrigation District.

Gross Service Area: Visalia and Kaweah Water Company, 18,300 acres; Tulare Irrigation Company, 7,300 acres; Tulare Irrigation District, 75,350 acres.

Period of Record: Intermittent during the years ending September 30, 1920 and 1924; no record during the years ending September 30, 1919, 1921, 1922 and 1923; continuous from May 1, 1917 to September 30, 1918 and from October 1, 1924 to current year.

Remarks: Tables B19, d19a and B19b list mean daily diversions of Ketchum Ditch from the St. Johns River which include deliveries for Visalia and Kaweah Water Company and for Tulare Irrigation Company.

Notes: This water transferred to Kaweah River and diverted by Fleming, Oakes, Evans, Watson and Persian Ditches.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		KETCHUM DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	31				0	41			1
2				0	32				0	41			2
3				0	30				0	41			3
4				0	37				0	41			4
5				0	35				0	41			5
6				0	37				0	41			6
7				22	30				0	41			7
8				24	23				0	41			8
9				24	24				0	41			9
10				31	26				0	41			10
11				37	11				0	41			11
12	N	N	N	37	8	N	N	N	0	41	N	N	12
13	O	O	O	37	8	O	O	O	0	41	O	O	13
14				37	7				0	41			14
15				37	7				0	40			15
16	F	F	F	36	7	F	F	F	0	37	F	F	16
17	L	L	L	36	6	L	L	L	0	35	L	L	17
18	O	O	O	36	6	O	O	O	19	36	O	O	18
19	W	W	W	34	8	W	W	W	41	35	W	W	19
20				33	8				41	35			20
21				36	8				40	35			21
22				34	8				41	36			22
23				32	9				41	35			23
24				31	9				41	35			24
25				32	8				41	35			25
26				32	6				41	22			26
27				30	3				41	0			27
28				30	0				41	0			28
29				30	0				41	0			29
30				27					40	0			30
31				30						0			31
MEAN				37	37				41	41			MEAN
MAX.				0	0				0	0			MAX.
MIN.				1597	857				1010	1964			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 5428

Table B-19a (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		KETCHUM DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	9	10	6	17								1
2	0	9	8	6	24								2
3	0	8	8	7	18								3
4	0	8	5	8	17								4
5	0	8	3	12	7								5
6	0	9	2	10	2								6
7	0	8	2	10	1								7
8	0	6	1	10	0								8
9	0	6	0	10	0								9
10	0	5	2	9	0								10
11	0	6	2	12	0	N	N	N	N	N	N	N	11
12	0	7	0	10	0	O	O	O	O	O	O	O	12
13	0	10	0	10	0								13
14	0	10	0	11	0								14
15	0	11	0	11	0								15
16	0	11	0	11	0	F	F	F	F	F	F	F	16
17	0	11	0	10	0	L	L	L	L	L	L	L	17
18	0	11	0	10	0	O	O	O	O	O	O	O	18
19	0	11	0	13	0	W	W	W	W	W	W	W	19
20	0	11	0	15	0								20
21	0	11	0	14	0								21
22	0	10	0	18	0								22
23	0	4	0	20	0								23
24	0	3	0	19	0								24
25	5	6	4	17	0								25
26	13	6	5	18	0								26
27	13	6	5	16	0								27
28	13	5	6	17	0								28
29	12	5	6	18	0								29
30	11	7	6	19	0								30
31	10	7	6	17	0								31
MEAN													MEAN
MAX.	13	11	10	20	24								MAX.
MIN.	0	3	0	6	1								MIN.
AC. FT.	153	472	161	781	171								AC. FT.

Total Acre-Feet 1738

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		KETCHUM DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	45							0	1
2				0	49							0	2
3				9	56							0	3
4				30	52							0	4
5				37	51							0	5
6				37	56							23	6
7				37	0							56	7
8				35	0							52	8
9				36	0							51	9
10				39	0							51	10
11				0	0	N	N	N	N	N	N	48	11
12				0	0	O	O	O	O	O	O	40	12
13	N	N	N	0	0							40	13
14	O	O	O	0	0							40	14
15				0	0							40	15
16	F	F	F	0	0	F	F	F	F	F	F	40	16
17	L	L	L	0	0	L	L	L	L	L	L	40	17
18	O	O	O	0	0	O	O	O	O	O	O	40	18
19	W	W	W	0	0	W	W	W	W	W	W	40	19
20				0	0							40	20
21				49	0							40	21
22				48	0							40	22
23				42	0							39	23
24				34	0							39	24
25				42	0							38	25
26				47	0							38	26
27				46	0							38	27
28				46	0							39	28
29				46	0							39	29
30				46	0							39	30
31				45	0							39	31
MEAN													MEAN
MAX.				49	56							56	MAX.
MIN.				0	0							0	MIN.
AC. FT.				1492	613							2043	AC. FT.

Total Acre-Feet 4148

Table B-19a (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		KETCHUM DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	39	44	21	26	48	46	0	43	44				1
2	39	44	22	26	48	49	0	43	42				2
3	39	44	21	26	49	47	0	43	41				3
4	39	45	21	26	49	48	0	43	41				4
5	38	45	27	26	49	23	9	43	14				5
6	38	45	28	26	48	1	21	43	0				6
7	38	45	28	26	49	0	21	43	0				7
8	38	45	28	26	49	0	22	43	0				8
9	38	45	28	26	49	0	30	43	0				9
10	38	42	28	26	49	0	43	11	0				10
11	49	31	30	26	49	0	42	0	0				11
12	56	0	36	26	47	0	41	0	0	N	N	N	12
13	50	0	35	26	46	0	42	0	0	O	O	O	13
14	48	0	35	26	46	0	43	0	0				14
15	48	0	37	27	48	0	41	0	0				15
16	43	0	41	29	49	0	41	0	0	F	F	F	16
17	25	0	40	29	49	0	42	0	0	L	L	L	17
18	21	0	43	29	50	0	42	0	0	O	O	O	18
19	21	0	36	28	49	0	43	0	0				19
20	21	0	26	28	49	0	43	0	0	W	W	W	20
21	21	0	26	28	50	0	43	0	0				21
22	21	0	26	35	51	0	43	9	0				22
23	21	0	26	49	50	0	43	36	0				23
24	21	0	26	49	50	0	44	40	0				24
25	9	0	26	49	50	0	44	43	0				25
26	0	0	26	49	50	0	44	43	0				26
27	0	0	27	49	50	0	44	43	0				27
28	0	0	27	49	46	0	44	44	0				28
29	0	9	27	49	0	0	44	45	0				29
30	21	21	27	48	0	0	44	45	0				30
31	44		27	48	0	0		45					31
MEAN	56	45	43	49	51	49	44	45	44				MEAN
MAX.	0	0	21	26	46	0	0	0	0				MAX.
MIN.	1833*	1002	1789	2055	2709	424	1989	1569	361				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 13731

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		KETCHUM DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	31	38							0	26	1
2		0	32	37							0	26	2
3		0	32	37							0	26	3
4		0	30	38							0	26	4
5		0	23	38							0	26	5
6		0	23	38							0	26	6
7		0	23	38							0	26	7
8		0	23	38							0	26	8
9		0	23	38							10	26	9
10		0	21	12							32	26	10
11		0	20	0							32	26	11
12	N	0	19	0	N	N	N	N	N	N	32	25	12
13	O	0	19	0	O	O	O	O	O	O	32	25	13
14		0	19	0							32	25	14
15		0	18	0							33	3	15
16	F	0	18	0	F	F	F	F	F	F	34	0	16
17	L	0	18	0	L	L	L	L	L	L	33	0	17
18	O	0	17	0	O	O	O	O	O	O	33	0	18
19	W	0	17	0	W	W	W	W	W	W	32	0	19
20		0	17	0							32	0	20
21		0	21	0							32	0	21
22		0	26	0							32	0	22
23		0	26	0							32	0	23
24		0	25	0							15	0	24
25		0	25	0							12	0	25
26		18	29	0							20	0	26
27		33	23	0							27	0	27
28		36	27	0							27	0	28
29		36	36	0							27	0	29
30		30	36	0							27	0	30
31			0	0							26		31
MEAN		36	36	38							34	26	MEAN
MAX.		0	0	0							0	0	MAX.
MIN.		303	1422	698							1295	722	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4440

Table B-19b

KETCHUM DITCH (b)

Point of Diversion: 5 miles below McKay Point on the south bank of St. Johns River in the NE 1/4, Section 11, T18S, R26E, M08&M.

Maximum Diversion Capacity: 125 cfs.

Location: 500 feet below head of ditch in the NE 1/4, Section 11, T18S, R26E, M08&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements prior to installation of Parshall flume in December 1936.

Operating Agency: Visalia and Kaweah Water Company, Tulare Irrigation Company, and Tulare Irrigation District.

Gross Service Area: Visalia and Kaweah Water Company, 18,300 acres; Tulare Irrigation Company, 7,300 acres; Tulare Irrigation District, 75,350 acres.

Period of Record: Intermittent during the years ending September 30, 1920 and 1924; no record during the years ending September 30, 1919, 1921, 1922 and 1923; continuous from May 1, 1917 to September 30, 1918 and from October 1, 1924 to current year.

Remarks: Tables B19, 819a, and 819b list mean daily diversions of Ketchum Ditch from the St. Johns River which include deliveries for Visalia and Kaweah Water Company and for Tulare Irrigation Company.

Notes: This water transferred to Kaweah River and diverted by Tulare Irrigation Company.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		KETCHUM DITCH (b)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0				1
2									0				2
3									0				3
4									0				4
5									0				5
6									0				6
7									0				7
8									0				8
9									0				9
10									0				10
11									0				11
12	N	N	N	N	N	N	N	N	0	N	N	N	12
13	O	O	O	O	O	O	O	O	18	O	O	O	13
14									35				14
15									36				15
16	F	F	F	F	F	F	F	F	39	F	F	F	16
17	L	L	L	L	L	L	L	L	38	L	L	L	17
18	O	O	O	O	O	O	O	O	20	O	O	O	18
19	W	W	W	W	W	W	W	W	0	W	W	W	19
20									0				20
21									0				21
22									0				22
23									0				23
24									0				24
25									0				25
26									0				26
27									0				27
28									0				28
29									0				29
30									0				30
31									0				31
MEAN									39				MEAN
MAX.									0				MAX.
MIN.									0				MIN.
AC. FT.									369				AC. FT.

Total Acre-Feet 369

Table B-19b (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		KETCHUM DITCH (b)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		KETCHUM DITCH (b)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	0	37	38	44	43	36	40		1
2				0	0	37	40	46	42	36	40		2
3				0	0	37	40	46	42	37	40		3
4				0	0	39	41	46	42	37	40		4
5				0	0	37	41	46	42	37	40		5
6				0	0	35	41	46	42	38	41		6
7				0	44	35	40	46	42	39	43		7
8				0	36	36	40	46	42	40	46		8
9				0	41	37	40	47	44	40	46		9
10				0	41	37	40	50	45	40	46		10
11				40	36	38	40	58	45	40	46		11
12	N	N	N	41	37	38	40	58	45	40	46	N	12
13	O	O	O	42	28	38	40	58	45	40	46	O	13
14				42	14	38	40	58	45	40	46		14
15				45	27	38	40	58	44	40	45		15
16	F	F	F	35	36	38	41	58	44	40	10	F	16
17	L	L	L	22	37	33	41	51	44	40	0	L	17
18	O	O	O	22	37	27	41	45	44	40	0	O	18
19	W	W	W	21	37	27	41	45	44	40	0	W	19
20				31	37	32	41	45	44	40	0		20
21				0	37	40	41	45	42	40	0		21
22				0	38	38	41	45	42	40	0		22
23				0	39	38	41	43	41	40	0		23
24				0	39	38	41	43	41	40	0		24
25				0	38	39	42	43	42	40	0		25
26				0	38	40	42	43	42	40	0		26
27				0	38	40	42	43	41	40	0		27
28				C	37	41	42	43	38	40	0		28
29				0	0	42	42	43	38	40	0		29
30				0	0	42	44	43	37	40	0		30
31				0	0	41	43	43	40	40	0		31
MEAN				45	44	42	44	58	45	40	46		MEAN
MAX.				0	0	27	38	43	37	36	0		MAX.
MIN.				676	1571	2887	2428	2924	2527	2420	1311		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 16144

Table B-19b (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		KETCHUM DITCH (b)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0	11		1
2										0	11		2
3										0	11		3
4										0	11		4
5										0	11		5
6										0	11		6
7										0	11		7
8										0	8		8
9										0	0		9
10										0	0		10
11										0	0		11
12	N	N	N	N	N	N	N	N	N	0	0	N	12
13	O	O	O	O	O	O	O	O	O	0	0	O	13
14										0	0		14
15										0	0		15
16	F	F	F	F	F	F	F	F	F	0	0	F	16
17	L	L	L	L	L	L	L	L	L	0	0	L	17
18	O	O	O	O	O	O	O	O	O	0	0	O	18
19	W	W	W	W	W	W	W	W	W	0	0	W	19
20										0	0		20
21										0	0		21
22										0	0		22
23										0	0		23
24										0	0		24
25										0	0		25
26										2	0		26
27										9	0		27
28										11	0		28
29										10	0		29
30										11	0		30
31										11	0		31
MEAN										11	11		MEAN
MAX.										0	0		MAX.
MIN.										105	169		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 27⁴

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		KETCHUM DITCH (b)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	0	26	2	28	33	46	35	31		1
2			0	0	26	2	28	26	36	28	30		2
3			0	0	26	2	28	25	27	28	30		3
4			0	0	30	2	28	25	27	27	30		4
5			0	0	31	2	28	25	27	27	30		5
6			0	0	32	2	28	25	27	27	30		6
7			0	0	32	2	28	25	27	27	31		7
8			0	0	40	2	27	34	27	27	32		8
9			0	0	47	2	28	43	27	27	13		9
10			0	23	47	0	31	43	27	27	0		10
11			0	34	47	0	31	43	27	27	0		11
12	N	N	0	38	47	0	30	43	33	33	0	N	12
13	O	O	0	38	47	0	30	43	46	37	0	O	13
14			0	30	47	0	30	43	57	37	0		14
15			0	29	47	0	30	43	58	38	0		15
16	F	F	0	30	20	0	31	44	56	40	0	F	16
17	L	L	0	31	3	0	32	43	52	40	0	L	17
18	O	O	0	31	3	0	33	43	46	40	0	O	18
19	W	W	0	31	3	0	48	49	46	40	0	W	19
20			0	31	4	0	55	56	46	40	0		20
21			0	30	23	5	55	56	46	40	0		21
22			0	29	56	16	55	51	47	39	0		22
23			0	29	14	16	55	41	48	39	0		23
24			0	28	7	22	53	37	48	37	0		24
25			0	28	5	28	51	36	49	35	0		25
26			0	28	3	28	52	36	49	35	0		26
27			0	28	2	27	52	38	45	35	0		27
28			0	27	2	27	36	44	42	35	0		28
29			0	26	2	27	30	51	42	35	0		29
30			0	26	2	28	35	49	43	36	0		30
31			36	26	26	28	28	47		33			31
MEAN													MEAN
MAX.			36	38	56	28	55	56	58	40	32		MAX.
MIN.			0	0	2	0	27	25	27	27	0		MIN.
AC. FT.			71	1291	1426	536	2194	2460	2428	2085	510		AC. FT.

Total Acre-Feet 13001

Table B-20

PACKWOOD CANAL FROM ST. JOHNS RIVER

Point of Diversion: 5.5 miles below McKay Point on the south bank of St. Johns River in the NE 1/4, Section 10, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 300 cfs.

Location: 2 miles below head of canal in the NW 1/4, Section 16, T18S, R26E, MDB&M.

Gage: Open-channel section through solid rock, staff gage and water-stage recorder, rated by current meter measurements.

Operating Agency: Packwood Canal Company through 1948 and Tulare Irrigation District thereafter.

Gross Service Area: 15,000 acres (served by Packwood Canal).

Period of Record: No record during the years 1918, 1919, 1920, 1922 and 1923; partial record during 1921; continuous from May 1 to September 30, 1917 and from October 1, 1924 to current year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		PACKWOOD CANAL FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Table B-20 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		PACKWOOD CANAL FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		PACKWOOD CANAL FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	40	17	53	24	6		0	1
2					0	38	20	60	21	0		0	2
3					0	38	32	60	20	0		0	3
4					0	41	46	60	19	0		0	4
5					0	38	50	60	19	0		0	5
6					0	13	51	60	18	0		0	6
7					0	20	47	60	17	0		0	7
8					0	25	40	60	17	0		0	8
9					0	32	40	64	25	0		0	9
10					0	39	40	70	43	0		0	10
11					0	40	41	73	42	0		0	11
12	N	N	N	N	0	40	44	76	50	0	N	0	12
13	O	O	O	O	0	42	44	76	85	0	O	0	13
14					0	40	44	76	85	0		0	14
15					0	40	44	76	84	0		0	15
16	F	F	F	F	8	40	44	75	83	0	F	0	16
17	L	L	L	L	52	40	44	79	84	0	L	0	17
18	O	O	O	O	56	40	45	85	85	0	O	0	18
19	W	W	W	W	55	40	45	83	85	0	W	10	19
20					54	37	45	82	84	0		10	20
21					53	33	45	81	79	0		9	21
22					59	25	45	78	74	0		9	22
23					69	12	45	75	72	0		9	23
24					64	13	48	85	72	0		9	24
25					63	38	53	82	72	0		8	25
26					61	38	54	80	71	0		0	26
27					49	38	53	76	51	0		0	27
28					44	38	52	76	35	0		0	28
29						38	51	76	29	0		0	29
30						38	51	58	17	0		0	30
31						34		28		0		0	31
MEAN					69	41	54	85	85	6		10	MEAN
MAX.					0	12	17	28	17	.0		0	MAX.
MIN.					1363	2118	2618	4330	3098	12		127	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 13666

Table B-20 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		PACKWOOD CANAL FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

No diversion for the year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		PACKWOOD CANAL FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	40		0	25	37	31			1
2				0	45		10	28	37	31			2
3				0	47		40	23	31	30			3
4				0	47		36	23	31	28			4
5				0	47		37	25	31	23			5
6				0	47		38	29	30	20			6
7				0	50		33	31	29	17			7
8				0	52		30	31	29	0			8
9				0	57		32	33	29	0			9
10				0	57		31	34	5	0			10
11				0	57		31	33	5	0			11
12	N			0	57	N	29	33	5	0			12
13	O	N	N	0	57	O	29	33	5	0	N	N	13
14		O	O	0	60		29	32	5	0	O	O	14
15				0	65		29	32	5	0			15
16	F	F	F	0	15	F	34	31	5	0	F	F	16
17	L	L	L	0	0	L	39	30	21	0	L	L	17
18	O	O	O	0	0	O	40	30	23	0	O	O	18
19	W	W	W	0	0	W	47	31	24	0	W	W	19
20				0	0		53	34	33	0			20
21				0	0		52	37	43	0			21
22				0	0		50	38	51	0			22
23				0	0		51	36	60	0			23
24				0	0		51	33	51	0			24
25				0	0		42	32	39	0			25
26				0	0		38	35	35	0			26
27				0	0		39	33	26	0			27
28				0	0		33	33	26	0			28
29				0	0		25	34	26	0			29
30				0	0		24	36	30	0			30
31				25				37					31
MEAN				25	65		54	38	60	31			MEAN
MAX.				0	0		0	23	5	0			MAX.
MIN.				50	1587		2087	1954	1601	357			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 7636

Table B-21

TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

Point of Diversion: 6.5 miles below McKay Point on the north bank of St. Johns River in the NW 1/4, Section 10, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 500 cfs.

Location: 2.25 miles below head of canal at the siphon across St. Johns River in the SE 1/4, Section 17, T18S, R26E, MDB&M.

Gage: Prior to 1951 at flume section, with staff gage and water-stage recorder, rated by current meter measurements. Because of the shape of the flume entrance, it was in effect a Parshall flume with a constant rating. Since 1951 the gaging station has been at the entrance of the siphon across St. Johns River.

Operating Agency: Tulare Irrigation District.

Gross Service Area: Prior to January 1948, 33,500 acres; since October 1948, 75,350 acres.

Period of Record: 1917 to current year.

Remarks: Quantities in this table do not include water received from Hutchumna Ditch or the Central Valley Project, which is also measured at this point and is shown in separate tables.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Table B-21 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	107	35	154	111	147	420	209	186	110	1
2			0	105	35	155	117	165	382	203	185	110	2
3			0	99	37	152	124	209	358	216	184	112	3
4			0	0	49	97	126	252	358	186	184	113	4
5			0	0	57	0	128	354	345	170	198	113	5
6			0	0	64	61	132	357	347	180	212	0	6
7			0	0	74	88	130	358	341	160	227	0	7
8			0	0	52	155	128	358	340	134	217	0	8
9			0	0	62	196	125	356	372	130	182	0	9
10			0	0	24	198	126	361	410	137	179	0	10
11			0	0	26	204	124	324	408	160	193	0	11
12	N	N	0	21	22	203	125	394	402	190	199	0	12
13	O	O	0	27	14	190	127	391	425	219	200	0	13
14			0	31	12	167	127	414	448	232	201	0	14
15			0	35	67	134	129	442	449	208	185	0	15
16	F	F	0	33	178	137	130	462	453	209	212	0	16
17	L	L	0	32	200	121	128	455	446	224	223	0	17
18	O	O	0	29	202	78	130	445	451	231	202	0	18
19	W	W	0	30	203	79	130	438	450	249	135	0	19
20			0	34	203	76	129	435	456	260	112	0	20
21			0	28	251	75	129	433	368	261	116	0	21
22			0	28	220	67	128	438	305	263	126	0	22
23			0	61	223	66	129	435	312	265	138	0	23
24			0	31	225	67	135	425	325	271	157	0	24
25			0	25	219	65	151	425	324	289	156	0	25
26			0	37	206	64	147	420	286	300	124	0	26
27			0	36	192	77	143	420	262	259	106	0	27
28			0	36	167	112	143	421	238	235	105	0	28
29			36	36	128	145	145	422	218	233	108	0	29
30			131	41	128	152	152	423	219	192	109	0	30
31			125	35	126	126	126	420	218	188	109	0	31
MEAN			131	107	251	204	152	462	456	300	227	113	MEAN
MAX.			0	0	12	0	111	147	456	130	105	0	MAX.
MIN.			579	1938	6583	7180	7791	23403	21656	13176	10255	1107	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 93668

Table B-21 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	72				0	284	0	372		1
2			0	52				0	0	0	391		2
3			0	48				0	0	0	389		3
4			0	48				0	0	0	368		4
5			0	21				0	0	0	347		5
6			0	5				0	0	0	389		6
7			0	6				0	0	0	388		7
8			0	5				0	0	0	335		8
9			0	0				0	0	0	235		9
10			0	0				0	0	0	118		10
11			0	0				0	0	165	20		11
12	N	N	0	0	N	N	N	0	0	297	0	N	12
13	O	O	0	0	O	O	O	0	0	302	0	O	13
14			19	0				0	0	321	0		14
15			19	0				0	0	319	0		15
16	F	F	19	0	F	F	F	0	0	331	0	F	16
17	L	L	18	0	L	L	L	0	0	405	0	L	17
18	O	O	15	0	O	O	O	0	0	338	0	O	18
19	W	W	29	0	W	W	W	0	0	339	0	W	19
20			86	0				0	0	344	0		20
21			108	0				0	0	340	0		21
22			104	0				0	0	348	0		22
23			77	0				166	0	348	0		23
24			73	0				231	0	347	0		24
25			72	0				217	0	348	0		25
26			72	0				215	0	350	0		26
27			73	0				213	0	348	0		27
28			77	0				219	0	347	0		28
29			79	0				215	0	350	0		29
30			78	0				259	0	351	0		30
31			78	0				307	0	356	0		31
MEAN			108	72				307	284	405	391		MEAN
MAX.			0	0				0	0	0	0		MAX.
MIN.			2174	510				4050	563	13873	6649		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 27819

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		TULARE IRRIGATION DISTRICT FROM ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	114	0	14	104	95	330	93		1
2				0	103	0	15	180	148	328	64		2
3				0	82	0	12	56	230	327	64		3
4				0	80	0	9	56	242	329	62		4
5				0	78	0	5	82	255	340	65		5
6				0	77	0	3	128	258	336	60		6
7				0	88	0	4	205	279	342	67		7
8				0	83	0	6	294	295	257	64		8
9				0	85	0	38	243	297	137	55		9
10				0	80	0	39	228	296	98	40		10
11				0	87	0	29	202	315	71	29		11
12	N	N	N	0	93	0	30	186	337	44	28	N	12
13	O	O	O	187	96	91	23	194	339	41	27	O	13
14				181	98	191	23	212	345	46	26		14
15				163	99	256	22	237	351	40	26		15
16	F	F	F	165	106	235	0	242	336	32	34	F	16
17	L	L	L	170	88	236	0	221	254	27	36	L	17
18	O	O	O	183	54	236	37	213	123	17	37	O	18
19	W	W	W	175	50	236	127	210	73	40	35	W	19
20				174	21	236	219	212	69	61	34		20
21				168	0	253	218	226	67	60	35		21
22				223	0	280	213	223	207	25	32		22
23				0	0	296	214	190	376	0	30		23
24				140	0	270	139	180	348	0	31		24
25				146	0	277	30	182	290	0	34		25
26				138	0	128	28	182	306	0	0		26
27				141	0	15	39	187	299	0	0		27
28				158	0	14	34	173	309	0	0		28
29				92	0	15	34	139	326	0	0		29
30				92	0	16	47	111	334	118	0		30
31				77	0	22		97		111	0		31
MEAN				223	106	296	219	294	376	342	93		MEAN
MAX.				0	0	0	0	56	67	0	0		MAX.
MIN.				5500	3297	6552	3275	11098	15469	7057	2198		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 54446

Table B-22

FISHER RANCH RIPARIAN

Point of Diversion: Two electric pumps north and south sides of St. Johns River, northeast of the southeast corner of Section 9, T18S, R26E, M08&M.

Remarks: Diversion is by electric pump. Pumps are rated to electric meter.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		FISHER RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1								0	0	3.2			1
2								0	0	3.2			2
3								0	0	3.2			3
4								0	0	3.2			4
5								2.9	0	3.2			5
6								3.2	0	3.2			6
7								6.4	0	3.2			7
8								7.4	0	3.2			8
9								5.9	0	3.2			9
10								4.2	0	3.2			10
11								4.2	0	3.2			11
12	N	N	N	N	N	N	N	7.4	0	2.0	N	N	12
13	O	O	O	O	O	O	O	7.4	0	0	O	O	13
14								6.0	0	0			14
15								3.2	0	1.7			15
16	F	F	F	F	F	F	F	2.0	2.0	3.2	F	F	16
17	L	L	L	L	L	L	L	0	3.2	3.2	L	L	17
18	O	O	O	O	O	O	O	0	3.2	3.2	O	O	18
19	W	W	W	W	W	W	W	0	3.2	3.2	W	W	19
20								0	3.2	3.2			20
21								0	3.2	3.2			21
22								0	5.2	2.4			22
23								0	7.4	0			23
24								0	7.4	0			24
25								0	7.4	0			25
26								0	7.4	0			26
27								0	7.4	0			27
28								0	7.4	0			28
29								0	7.4	0			29
30								0	7.0	0			30
31								0	0	0			31
MEAN								7.4	7.4	3.2			MEAN
MAX.								0	0	0			MAX.
MIN.								0	0	0			MIN.
AC. FT.								118	163	120			AC. FT.

Total Acre-Feet 401

Table B-22 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		FISHER RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		FISHER RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	.8	7.8	0	0	0	7.4	8.5	1
2					0	0	7.8	0	0	0	8.5	8.5	2
3					0	0	7.8	0	0	0	8.5	8.5	3
4					0	0	7.8	2.2	0	0	8.5	8.5	4
5					0	0	7.8	3.3	0	0	4.3	4.6	5
6					0	0	7.8	0.8	0	0	3.0	3.3	6
7					0	0	7.8	0	0	0	3.0	3.3	7
8					0	0	4.3	0	0	0	3.0	3.3	8
9					0	0	3.1	0	0	0	3.0	3.3	9
10					0	0	3.1	0	0	0	3.0	3.3	10
11					0	0	3.1	0	0	0	3.0	0.8	11
12	N				0	0	3.1	0	0	0	3.0	0	12
13	O				0	0	3.1	0	0	0	3.0	0	13
14					0	0	3.1	0	0	2.5	3.0	0	14
15					0	0	3.1	0	0	3.3	3.0	0	15
16	F				0	0	3.1	0	0	3.3	3.0	0	16
17	L				0	0	3.1	0	0	3.3	3.0	0	17
18	O				0	0	3.1	0	0	3.3	3.0	0	18
19	W				0	0	3.1	0	3.9	3.3	3.0	0	19
20					0	0	3.1	0	7.7	3.3	3.0	0	20
21					0	0	3.1	0	8.5	3.3	3.0	0	21
22					0	0	2.1	0	8.5	3.3	3.0	0	22
23					0	0	0	0	8.5	3.3	3.0	0	23
24					0	0	2.3	0	8.5	8.7	3.0	0	24
25					0	0	3.1	0	8.5	6.0	3.0	0	25
26					0	0	0.8	0	8.5	5.2	3.0	0	26
27					1.6	0	0	0	8.5	5.2	5.6	0	27
28					3.1	0	0	0	2.1	5.2	8.5	0	28
29						0	0	0	0	5.2	8.5	0	29
30						3.5	0	0	0	5.2	8.5	0	30
31						4.7	0	0	0	5.2	8.5	0	31
MEAN					3.1	4.7	7.8	3.3	8.5	8.7	8.5	8.5	MEAN
MAX.					0	0	0	0	0	0	3.0	0	MAX.
MIN.					9	18	213	12	145	155	277	111	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 9⁰.0

Table B-22 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		FISHER RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1							0	0	0	0			1
2							0	0	0	2.7			2
3							0	0	0	3.6			3
4							0	0.9	0	3.6			4
5							0	2.8	0	3.6			5
6							0	2.8	0	3.6			6
7							0	5.5	0	3.6			7
8							0	6.4	0	2.4			8
9							0	6.4	0	0			9
10							0	6.4	0	0			10
11							0	6.4	0	0			11
12	N	N	N	N	N	N	0	5.5	0	0	N	N	12
13	O	O	O	O	O	O	0	3.6	0	0	O	O	13
14							0	3.6	0	0			14
15							0	2.3	0	0			15
16	F	F	F	F	F	F	0	0	0	0	F	F	16
17	L	L	L	L	L	L	0	0	0	0	L	L	17
18	O	O	O	O	O	O	1.6	0	0	0	O	O	18
19	W	W	W	W	W	W	5.2	0	0	0	W	W	19
20							6.4	0	0	0			20
21							6.4	0	0	0			21
22							6.4	0	0	0			22
23							4.0	0	0	0			23
24							1.0	0	0.9	0			24
25							0	0	2.8	0			25
26							0	0	2.8	0			26
27							0	0	2.8	0			27
28							0	0	2.8	0			28
29							0	0	2.8	0			29
30							0	0	1.9	0			30
31							0	0	0	0			31
MEAN							6.4	6.4	2.8	3.6			MEAN
MAX.							0	0	0	0			MAX.
MIN.							61	104	33	46			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 244

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		FISHER RANCH RIPARIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0	6.3		1
2										0	6.3		2
3										0	6.3		3
4										0	6.3		4
5										0	2.1		5
6										0	0		6
7										0	0		7
8										2.7	0		8
9										5.4	0		9
10										6.3	0		10
11										6.3	0		11
12	N	N	N	N	N	N	N	N	N	6.3	0	N	12
13	O	O	O	O	O	O	O	O	O	6.3	0	O	13
14										4.8	0		14
15										2.7	0		15
16	F	F	F	F	F	F	F	F	F	2.7	0	F	16
17	L	L	L	L	L	L	L	L	L	0.9	0	L	17
18	O	O	O	O	O	O	O	O	O	0	2.4	O	18
19	W	W	W	W	W	W	W	W	W	0	3.6	W	19
20										0	3.6		20
21										0	5.8		21
22										0	6.3		22
23										0	6.3		23
24										3.9	5.1		24
25										6.3	2.7		25
26										6.3	2.7		26
27										6.3	2.7		27
28										6.3	2.7		28
29										6.3	1.6		29
30										6.3	0		30
31										6.3	0		31
MEAN										6.3	6.3		MEAN
MAX.										0	0		MAX.
MIN.										183	144		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 327

Table B-23

MATHEWS DITCH

Point of Diversion: 12 miles below McKay Point on the north bank of St. Johns River in the NE 1/4, Section 23, T18S, R25E, M08&M.

Maximum Diversion Capacity: 40 cfs.

Location: 0.25 mile below head of ditch in the NW 1/4, Section 23, T18S, R25E, M08&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by current meter measurements; replaced by Parshall flume in 1936. This was used through the 1938 season, then open-channel section until December 1948 when a 42-inch Calco metergate was installed with a differential recorder just below head of ditch.

Operating Agency: Mathews Ditch Company.

Gross Service Area: 2,500 acres.

Period of Record: Intermittent during the years 1920, 1937 and 1938; no record during the years 1918, 1919 and 1923; continuous from May 2 to September 30, 1917, October 1, 1920 to September 30, 1922, October 1, 1923 to September 30, 1936 and from October 1, 1938 to current year.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		MATHEWS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	30			1
2									0	30			2
3									0	30			3
4									0	30			4
5									0	30			5
6									0	30			6
7									0	30			7
8									0	29			8
9									0	29			9
10									0	28			10
11									0	27			11
12	N	N	N	N	N	N	N	N	0	25	N	N	12
13	O	O	O	O	O	O	O	O	0	21	O	O	13
14									11	27			14
15									17	28			15
16	F	F	F	F	F	F	F	F	17	31	F	F	16
17	L	L	L	L	L	L	L	L	17	26	L	L	17
18	O	O	O	O	O	O	O	O	19	23	O	O	18
19	W	W	W	W	W	W	W	W	22	29	W	W	19
20									23	28			20
21													21
22									24	25			22
23									25	30			23
24									25	32			24
25									25	33			25
26									24	32			26
27									27	27			27
28									27	0			28
29									28	0			29
30									30	0			30
31									30	0			31
MEAN													MEAN
MAX.									30	33			MAX.
MIN.									0	0			MIN.
AC. FT.									776	1468			AC. FT.

Total Acre-Feet 2244

Table B-23 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		MATHEWS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		MATHEWS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	15	13	18	18	15	28	15	1
2					0	18	13	18	18	15	25	16	2
3					0	18	13	18	21	15	21	16	3
4					0	24	13	18	23	15	21	17	4
5					0	25	13	18	23	15	23	17	5
6					0	23	13	18	23	14	16	6	6
7					0	22	16	18	24	11	16	2	7
8					0	21	18	18	25	10	16	2	8
9					0	20	18	18	23	11	16	2	9
10					0	20	18	18	21	11	16	2	10
11					0	20	18	18	21	10	16	2	11
12	N	N	N	N	0	21	18	18	21	10	16	2	12
13	O	O	O	O	0	21	18	18	22	10	16	1	13
14					0	20	17	18	21	16	16	7	14
15					0	20	17	18	21	23	15	17	15
16	F	F	F	F	0	21	17	18	20	23	15	20	16
17	L	L	L	L	0	21	16	18	18	23	15	20	17
18	O	O	O	O	0	22	16	18	18	23	14	20	18
19	W	W	W	W	0	22	16	18	18	23	13	20	19
20					0	18	16	18	17	23	13	19	20
21					0	18	16	18	16	23	11	20	21
22					0	18	16	18	16	23	14	20	22
23					0	19	16	17	15	22	16	20	23
24					25	19	16	17	15	21	16	20	24
25					25	20	17	18	15	17	15	20	25
26					25	21	18	18	22	15	15	18	26
27					25	21	18	18	29	15	15	17	27
28					22	22	18	18	29	15	15	17	28
29						23	18	18	29	15	15	17	29
30						23	18	18	22	15	14	18	30
31						24		18		15	15		31
MEAN					25	25	18	18	29	23	28	20	MEAN
MAX.					0	15	13	17	15	10	11	1	MAX.
MIN.					242	1269	968	1103	1238	1016	1008	813	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 7657

Table B-23 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		MATHEWS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	18	18			0	0	11	20	24	29	22		1
2	18	18			0	0	12	20	24	26	23		2
3	24	18			0	0	13	20	24	25	24		3
4	24	18			0	0	13	20	24	25	26		4
5	24	18			0	0	13	23	22	25	26		5
6		24			0	0	13	24	22	25	26		6
7	25	18			0	0	13	24	23	25	26		7
8	25	18			0	0	13	24	24	25	24		8
9	25	18			0	0	13	24	24	25	20		9
10	25	14			0	0	15	24	24	25	15		10
11	25	9			0	0	17	24	24	25	10		11
12	25	0	N	N	0	0	17	23	24	25	6	N	12
13	25	0	O	O	0	0	18	22	24	25	0	O	13
14	25	0			10	7	18	22	24	25	0		14
15	25	0			15	11	18	22	24	25	0		15
16	25	0			15	11	18	22	25	25	0		16
17	26	0	F	F	15	11	17	22	25	25	0	F	17
18	26	0	L	L	11	11	17	22	25	25	0	L	18
19	25	0	O	O	10	11	16	22	25	25	0	O	19
20	25	0	W	W	7	12	16	22	25	25	0	W	20
21		0			5	11	21	22	26	27	0		21
22	25	0			8	12	24	25	26	27	0		22
23	24	0			8	12	24	25	27	27	0		23
24	24	0			7	13	23	26	28	27	0		24
25	24	0			5	14	23	26	29	27	0		25
26	18	0			5	17	23	26	29	27	0		26
27	18	0			3	18	21	26	29	27	0		27
28	18	0			0	18	20	26	29	21	0		28
29	18	0				15	20	28	29	21	0		29
30	18	0				12	20	27	29	21	0		30
31	18	0				11	20	27	29	22	0		31
MEAN													MEAN
MAX.	26	18			15	18	24	28	29	27	26		MAX.
MIN.	18	0			0	0	11	20	22	21	0		MIN.
AC. FT.	1414	367			246	450	1031	1444	1509	1547	492		AC. FT.

Total Acre-Feet 8500

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		MATHEWS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				4	18	19	27	18	20	18	22	16	1
2				8	18	18	26	17	20	17	21	19	2
3				8	18	18	26	17	20	16	20	19	3
4				8	18	18	25	17	20	15	20	19	4
5				9	18	18	23	18	20	16	21	13	5
6				10	18	18	7	22	20	17	21	10	6
7				11	18	18	0	22	20	19	21	10	7
8				16	18	18	0	22	20	20	21	10	8
9				17	18	18	7	22	20	20	22	14	9
10				14	18	18	18	22	20	17	22	14	10
11				11	18	18	18	21	21	16	22	14	11
12	N	N	N	8	18	18	18	21	22	13	22	14	12
13	O	O	O	8	18	18	18	21	21	13	22	14	13
14				4	18	19	18	21	21	13	22	14	14
15				10	19	20	18	20	21	13	20	14	15
16	F	F	F	9	18	20	18	20	21	13	19	14	16
17	L	L	L	9	15	20	19	20	22	16	19	7	17
18	O	O	O	9	12	20	19	20	22	18	17	0	18
19	W	W	W	10	15	20	19	20	21	18	20	0	19
20				10	15	20	19	19	21	18	19	0	20
21				11	15	20	23	19	21	18	19	0	21
22				13	15	20	23	20	21	19	19	0	22
23				13	15	20	18	19	22	19	19	0	23
24				13	15	19	18	19	20	19	19	0	24
25				13	15	19	18	19	19	20	24	0	25
26				13	19	19	18	19	19	21	25	0	26
27				13	19	19	18	19	19	21	25	0	27
28				12	19	19	18	19	18	21	25	0	28
29				12	19	19	18	19	17	21	24	0	29
30				15	19	19	18	19	19	22	17	0	30
31				18	19	19	19	19	19	22	16	0	31
MEAN													MEAN
MAX.				18	19	20	27	22	22	22	25	19	MAX.
MIN.				4	12	18	0	17	17	13	16	0	MIN.
AC. FT.				672	986	1162	1057	1210	1206	1089	1279	466	AC. FT.

Total Acre-Feet 9127

Table B-24

UPHILL DITCH

Point of Diversion: 15 miles below McKay Point on the north bank of St. Johns River in the NW 1/4, Section 21, T18S, R25E, M08&M.

Maximum Diversion Capacity: 60 cfs.

Location: Prior to December 1939, 700 feet below head of ditch in the NW 1/4, Section 21, T18S, R25E, M08&M; since December 1939, 100 yards below ditch head in same section.

Gage: Open-channel section, staff gage and water-stage recorder rated by frequent current meter measurements; replaced by Parshall Flume in 1938 which was used until December 1939; after December 1939, open-channel section rated by current meter with a water-stage recorder in operation. An 8-foot Parshall flume was installed in 1958.

Operating Agency: Uphill Ditch Company.

Gross Service Area: 3,500 acres.

Period of Record: Intermittent during the years 1918 and 1920; no record during the years 1919 and 1923; continuous from May 3 to September 30, 1917, October 1, 1920 to September 30, 1922 and April 12, 1924 to current year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		UPHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0				1
2									0				2
3									0				3
4									0				4
5									0				5
6									0				6
7									0				7
8									0				8
9									0				9
10									0				10
11									0				11
12	N	N	N	N	N	N	N	N	0	N	N	N	12
13	O	O	O	O	O	O	O	O	0	O	O	O	13
14									36				14
15									44				15
16	F	F	F	F	F	F	F	F	43	F	F	F	16
17	L	L	L	L	L	L	L	L	42	L	L	L	17
18	O	O	O	O	O	O	O	O	42	O	O	O	18
19	W	W	W	W	W	W	W	W	42	W	W	W	19
20									42				20
21									42				21
22									41				22
23									41				23
24									41				24
25									40				25
26									40				26
27									40				27
28									41				28
29									35				29
30									11				30
31													31
MEAN									44				MEAN
MAX.									0				MAX.
MIN.									1315				MIN.
AC.FT.													AC.FT.

Total Acre-Feet 1315

Table B-24 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		UPHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		UPHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	23	12	22	33	38	35	27	35	36	1
2			0	35	12	22	33	42	41	27	35	37	2
3			0	36	9	22	36	43	46	28	35	37	3
4			0	0	0	25	38	43	48	30	34	37	4
5			0	0	0	25	38	42	48	30	35	37	5
6			0	0	13	21	38	42	48	31	34	37	6
7			0	0	15	21	37	43	49	35	34	35	7
8			0	0	23	21	36	43	54	35	37	35	8
9			0	0	28	22	37	43	59	33	37	37	9
10			0	0	29	23	37	43	64	33	34	37	10
11			0	9	25	24	38	43	66	35	35	37	11
12	N	N	0	29	22	24	38	43	66	35	35	36	12
13	O	O	0	36	23	24	38	42	65	34	35	35	13
14			0	24	23	23	38	42	64	34	35	35	14
15			0	36	23	24	38	43	64	34	34	34	15
16			0	41	22	24	34	43	63	34	33	34	16
17	F	F	0	45	23	29	36	43	62	34	34	34	17
18	L	L	0	52	23	31	40	51	63	34	35	35	18
19	O	O	0	50	23	31	38	51	58	35	35	35	19
20	W	W	0	47	23	31	37	46	47	34	35	34	20
21			0	43	23	30	38	42	46	34	34	34	21
22			0	42	23	28	38	42	46	34	34	34	22
23			0	41	24	27	38	36	45	33	36	34	23
24			0	29	24	27	37	36	45	35	36	34	24
25			0	13	24	28	36	37	44	36	36	33	25
26			0	13	24	29	38	34	44	35	36	33	26
27			0	13	24	30	40	34	42	35	37	33	27
28			0	12	23	38	40	34	41	34	37	34	28
29			5	12	38	38	40	33	34	36	37	34	29
30			5	12	40	40	35	35	29	36	37	34	30
31			31	12	38	38	35	35	36	36	36	36	31
MEAN			31	52	29	40	40	51	66	36	37	37	MEAN
MAX.			0	0	0	21	33	34	29	27	33	33	MAX.
MIN.			71	1398	1111	1670	2218	2513	3027	2055	2166	2085	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 18314

Table B-24 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		UPHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	34	0		0	18	28	29	38	32	30			1
2	35	16		0	18	2	30	37	32	30			2
3	35	17		0	20	0	30	37	31	30			3
4	34	17		0	20	0	30	37	31	30			4
5	34	17		0	27	0	30	37	31	30			5
6	34	17		0	32	0	30	37	35	30			6
7	34	17		0	32	0	30	37	36	30			7
8	34	17		0	32	0	32	37	35	30			8
9	34	17		0	32	0	34	37	34	30			9
10	34	16		0	31	0	35	36	35	30			10
11	34	16		0	30	0	35	33	34	30			11
12	34	9		0	30	0	34	33	34	30	N	N	12
13	34	3	N	0	28	0	34	32	34	29	O	O	13
14	35	3		0	28	0	36	32	34	29			14
15	35	0		0	31	0	35	32	34	28			15
16	35	0	F	0	31	0	34	33	34	29	F	F	16
17	35	0	L	0	31	0	35	33	34	28	L	L	17
18	35	0	O	0	31	0	36	34	34	30	O	O	18
19	35	0	W	0	31	0	37	34	33	30	W	W	19
20	34	0		12	31	0	36	33	34	30			20
21	35	0		20	31	0	36	33	35	30			21
22	34	0		19	31	0	36	33	35	31			22
23	34	0		18	31	0	37	33	35	31			23
24	35	0		18	31	0	38	34	35	30			24
25	34	0		18	31	0	38	34	34	30			25
26	0	0		18	31	0	38	34	34	30			26
27	0	0		18	31	10	39	34	35	30			27
28	0	0		18	29	24	39	34	35	16			28
29	0	0		18	29	29	39	32	31	0			29
30	0	0		18	28	28	39	32	30	0			30
31	0	0		18	28	28	31	31	0	0			31
MEAN													MEAN
MAX.	35	17		20	32	29	39	38	36	31			MAX.
MIN.	0	0		0	18	0	29	31	30	0			MIN.
AC. FT.	1706	361		422	1607	296	2065	2108	2003	1628			AC. FT.

Total Acre-Feet 12196

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		UPHILL DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	25	31	41	41	37	41	32	38	1
2				0	25	30	41	42	37	41	32	35	2
3				3	25	30	41	41	36	39	33	34	3
4				9	25	29	41	41	33	36	33	29	4
5				8	27	27	41	41	31	34	33	28	5
6				8	29	29	41	41	31	31	33	28	6
7				9	29	30	37	40	32	30	33	27	7
8				9	28	29	34	40	32	29	34	29	8
9				8	28	29	34	39	33	29	35	29	9
10				9	28	28	34	40	29	29	35	28	10
11				10	28	28	37	40	28	28	36	28	11
12	N	N	N	9	28	28	38	41	33	28	42	28	12
13	O	O	O	9	30	28	38	41	39	29	44	28	13
14				9	31	28	38	41	41	30	45	28	14
15				8	32	29	38	40	42	30	45	28	15
16	F	F	F	13	31	29	38	42	45	31	45	28	16
17	L	L	L	17	31	29	42	42	47	29	45	15	17
18	O	O	O	18	31	29	43	43	45	28	44	0	18
19	W	W	W	18	30	29	43	41	42	28	43	0	19
20				18	31	36	43	39	40	27	43	0	20
21				18	28	39	43	38	36	27	43	0	21
22				18	28	41	43	37	36	28	42	0	22
23				18	28	41	43	36	36	29	42	0	23
24				19	27	38	43	36	35	29	42	0	24
25				21	25	35	43	36	34	29	42	0	25
26				21	28	36	43	37	34	29	42	0	26
27				21	30	38	43	37	37	20	42	0	27
28				21	31	41	43	37	39	29	42	0	28
29				19	31	41	40	38	39	31	42	0	29
30				20	41	41	41	37	40	33	42	0	30
31				22	41	41	41	37	32	32	42	0	31
MEAN													MEAN
MAX.				22	32	41	43	42	47	41	45	38	MAX.
MIN.				0	25	28	34	36	28	27	32	0	MIN.
AC. FT.				811	1642	2017	2396	2424	2180	1888	2436	968	AC. FT.

Total Acre-Feet 16762

Table B-25

MOOOC DITCH

Point of Diversion: On the south bank of St. Johns River, 15.5 miles below McKay Point in the NE 1/4, Section 20, T18S, R2SE, MOB&M.

Maximum Diversion Capacity: 70 cfs.

Location: 400 feet below head of ditch in the NE 1/4, Section 20, T18S, R2SE, MOB&M.

Gage: Open-channel, staff gage and water-stage recorder rated by current meter measurements; replaced by Parshall flume in 1938.

Operating Agency: Modoc Ditch Company.

Gross Service Area: 6,525 acres.

Period of Record: Intermittent during the year 1921; no record during the years 1919, 1922 and 1923; continuous from May 2, 1917 to September 30, 1918, October 1, 1919 to September 30, 1920 and October 1, 1923 to current year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		MODOC DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY	
1	Includes 2213 acre-feet of Jennings Ditch Company water and 635 acre-feet of St. Johns Ditch Company water that could not be run because of low water in the St. Johns River.								0	71				1
2									0	77			2	
3									0	77			3	
4									0	77			4	
5									0	77			5	
6									0	78			6	
7									0	76			7	
8									0	71			8	
9									0	74			9	
10									0	74			10	
11									30	73			11	
12	N	N	N	N	N	N	N	N	59	74	N	N	12	
13	O	O	O	O	O	O	O	O	53	75	O	O	13	
14									60	67			14	
15									71	38			15	
16	F	F	F	F	F	F	F	F	72	0	F	F	16	
17	L	L	L	L	L	L	L	L	73	0	L	L	17	
18	O	O	O	O	O	O	O	O	73	0	O	O	18	
19	W	W	W	W	W	W	W	W	69	0	W	W	19	
20									69	0			20	
21									69	0			21	
22									68	0			22	
23									65	0			23	
24									68	0			24	
25									59	0			25	
26									56	0			26	
27									56	0			27	
28									61	0			28	
29									59	0			29	
30									70	0			30	
31										0			31	
MEAN									73	78			MEAN	
MAX.									0	0			MAX.	
MIN.									2499	2140			MIN.	
AC. FT.													AC. FT.	

Total Acre-Feet 4639

Table B-25 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		MODOC DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		MODOC DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				53	0	52	41	43	53	74	72	80	1
2	Includes water from Jennings Ditch Right.		0	52	0	52	40	43	51	73	75	74	2
3			0	50	0	48	43	43	51	72	79	72	3
4			0	8	0	40	43	43	51	70	77	71	4
5			0	2	0	25	43	43	52	66	74	71	5
6			0	1	0	28	44	42	52	65	74	69	6
7			0	0	9	41	43	42	52	65	74	69	7
8			0	0	32	48	42	43	52	67	74	67	8
9			0	0	40	56	43	43	52	67	75	58	9
10			0	7	44	48	43	45	58	71	77	51	10
11				31	41	49	45	48	59	70	79	50	11
12				44	43	45	46	49	61	64	80	48	12
13	N	N	0	59	43	49	46	47	66	65	74	48	13
14	O	O	0	5	41	51	46	48	67	66	70	48	14
15			0	19	38	55	46	47	68	66	61	43	15
16	F	F	0	51	38	55	48	48	71	65	61	38	16
17	L	L	0	68	41	55	48	49	78	65	72	38	17
18	O	O	0	65	47	55	48	52	80	72	74	35	18
19	W	W	0	57	49	55	48	58	80	73	74	36	19
20			0	51	53	51	48	60	83	77	71	37	20
21			0	49	55	48	49	60	86	78	70	37	21
22			0	50	60	45	49	63	85	79	71	37	22
23			0	47	56	42	49	66	84	76	78	37	23
24			0	26	54	43	53	68	83	68	79	37	24
25			0	0	54	45	56	68	84	74	79	37	25
26			0	0	55	47	52	69	88	69	79	37	26
27			0	0	54	47	49	69	88	65	81	38	27
28			0	0	53	49	49	69	87	65	82	38	28
29			1	0	0	52	49	63	88	72	82	38	29
30			29	0	0	50	47	61	82	74	84	38	30
31			50	0	0	46		59		73	82		31
MEAN			50	68	60	55	56	69	88	79	84	80	MEAN
MAX.			0	0	0	25	40	42	51	64	61	35	MAX.
MIN.			159	1577	1584	2920	2769	3275	4149	4296	4629	2930	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 28688

Table B-25 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		MODOC DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	38	26	Includes 1369 acre- feet of water from Jennings Ditch entitlement	0	19	16	14	29	48	59	75		1
2	31	31		0	25	19	14	26	50	65	72		2
3	28	34		0	27	21	14	30	50	62	68		3
4	27	34		0	27	21	14	33	55	62	31		4
5	27	29		0	28	21	14	32	55	63	0		5
6	27	27		0	29	16	14	32	56	63	0		6
7	27	27		0	30	14	14	32	60	61	0		7
8	25	22		0	30	4	15	37	66	61	0		8
9	23	22		0	25	4	25	38	69	61	0		9
10	27	21		0	21	21	4	28	32	72	63	0	
11	27	13		0	20	4	29	39	72	68	0		11
12	27	2	N	0	20	2	37	39	72	65	0		12
13	28	1	O	0	19	0	45	29	70	67	0	N	13
14	28	1		0	19	0	48	35	68	56	0	O	14
15	28	0		0	20	0	45	39	67	68	0		15
16	28	0	F	0	19	0	35	41	67	72	0	F	16
17	28	0	L	14	19	0	42	41	61	70	0	L	17
18	28	0	O	24	19	0	48	43	70	73	0	O	18
19	27	0	W	28	19	0	48	40	66	71	0	W	19
20	27	0		28	19	0	46	40	64	65	0		20
21													
22	27	0		28	20	0	46	40	61	70	0		22
23	27	0		27	20	0	46	40	61	70	0		23
24	31	0		26	19	0	40	39	61	70	0		24
25	17	0		23	19	0	41	39	61	84	0		25
26				20	19	0	38	40	61	83	0		26
27	0	0		17	18	0	38	41	64	73	0		27
28	0	0		21	18	0	38	41	62	72	0		28
29	0	0		20	17	0	35	41	61	73	0		29
30	0	0		20	21	28	42	61	67	67	0		30
31	20	0		18	18	28	41	59	64	64	0		31
MEAN				17	18	28	41	61	72	72	0		MEAN
MAX.	38	34		28	30	21	48	43	72	84	75		MAX.
MIN.	0	0		0	17	0	14	26	48	56	0		MIN.
AC. FT.	1398	575		657	1198	395	1918	2285	3709	4142	488		AC. FT.

Total Acre-Feet 16765

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		MODOC DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	28	26	49	40	42	75	76	70	1
2				0	27	23	50	41	42	75	74	66	2
3				0	28	18	51	40	43	72	74	64	3
4				10	27	16	51	37	45	67	74	63	4
5				16	28	15	48	35	46	67	74	60	5
6													
7				14	28	15	42	33	52	66	76	61	6
8				16	28	15	42	32	53	66	82	58	7
9				15	28	15	37	32	53	70	91	55	8
10				16	28	15	52	32	56	65	87	55	9
11				36	28	14	72	32	59	61	85	43	10
12													
13	N	N	N	34	28	13	74	32	65	61	85	40	11
14	O	O	O	35	28	13	34	32	69	61	79	40	12
15				44	31	21	25	32	70	65	77	39	13
16				51	34	23	25	35	71	67	76	38	14
17				47	32	22	25	35	76	69	74	38	15
18													
19	F	F	F	49	26	22	25	38	72	68	74	38	16
20	L	L	L	48	26	22	33	40	70	68	70	25	17
21	O	O	O	33	25	23	35	40	67	70	65	4	18
22	W	W	W	30	25	23	36	40	61	71	62	0	19
23				28	28	24	36	40	61	70	62	0	20
24													
25				27	28	27	38	45	61	70	62	0	21
26				25	21	29	42	47	61	71	67	0	22
27				23	24	29	45	47	63	72	76	0	23
28				23	26	29	46	46	63	75	80	0	24
29				29	29	31	46	46	65	77	80	0	25
30													
31				34	31	37	46	42	71	77	79	0	26
32				30	30	39	45	33	71	78	79	0	27
33				27	30	38	40	30	71	77	80	0	28
34				24	28	37	39	30	72	77	76	0	29
35				26	28	37	40	35	76	77	74	0	30
36				28		41		41		77	73	0	31
MEAN				51	34	41	74	47	76	78	91	70	MEAN
MAX.				0	21	13	25	30	42	61	62	0	MAX.
AC. FT.				1623	1603	1492	2517	2301	3664	4330	4647	1712	AC. FT.

Total Acre-Feet 23889

Table B-25a

MODOC DITCH (a)

Point of Diversion: On the south bank of St. Johns River, 15.5 miles below McKay Point in the NE 1/4, Section 20, T185, R25E, M08&M.

Maximum Diversion Capacity: 70 cfs.

Location: 400 feet below head of ditch in the NE 1/4, Section 20, T185, R25E, M08&M.

Gage: Open-channel, staff gage and water-stage recorder rated by current meter measurements; replaced by Parshall flume in 1938.

Operating Agency: Modoc Ditch Company.

Gross Service Area: 6,525 acres.

Period of Record: Intermittent during the year 1921; no record during the years 1919, 1922 and 1923; continuous from May 2, 1917 to September 30, 1918, October 1, 1919 to September 30, 1920 and October 1, 1923 to current year.

Remarks: Water from Jennings Ditch entitlement.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		MODOC DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0	75		1
2										0	72		2
3										0	68		3
4										0	31		4
5										0	0		5
6										0	0		6
7										0	0		7
8										0	0		8
9										0	0		9
10										0	0		10
11										0	0		11
12	N	N	N	N	N	N	N	N	N	0	0	N	12
13	O	O	O	O	O	O	O	O	O	0	0	O	13
14										0	0		14
15										0	0		15
16	F	F	F	F	F	F	F	F	F	0	0	F	16
17	L	L	L	L	L	L	L	L	L	0	0	L	17
18	O	O	O	O	O	O	O	O	O	0	0	O	18
19	W	W	W	W	W	W	W	W	W	0	0	W	19
20										0	0		20
21										0	0		21
22										0	0		22
23										0	0		23
24										0	0		24
25										23	0		25
26										73	0		26
27										72	0		27
28										72	0		28
29										67	0		29
30										64	0		30
31										72	0		31
MEAN													MEAN
MAX.										73	75		MAX.
MIN.										0	0		MIN.
AC. FT.										881	488		AC. FT.

Total Acre-Feet 1369

Table B-26

ST. JOHNS DITCH

Point of Diversion: 17.5 miles below McKay Point on the south bank of St. Johns River in the southwest corner of the NE 1/4, Section 18, T18S, R25E, MDB&M.

Maximum Diversion Capacity: Approximately 15 cfs.

Location: 50 feet below head of ditch.

Gage: Open-channel section with bridge for making current meter measurements.

Operating Agency: St. Johns Ditch Company.

Gross Service Area: 950 acres.

Period of Record: 1958 to current year.

Remarks: Diversion is usually made by means of pump. Occasionally, when flow in the river is small, direct diversion is made. There are years when no diversions are made. Record is partly estimated.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		ST. JOHNS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0				1
2									0				2
3									0				3
4									0				4
5									0				5
6									0				6
7									0				7
8									0				8
9									0				9
10									0				10
11									10.3				11
12	H	H	H	N	N	N	N	N	11.8	N	N	N	12
13	O	O	O	O	O	O	O	O	11.8	O	O	O	13
14									11.8				14
15									10.8				15
16	F	F	F	F	F	F	F	F	9.8	F	F	F	16
17	L	L	L	L	L	L	L	L	9.8	L	L	L	17
18	O	O	O	O	O	O	O	O	8.0	O	O	O	18
19	W	W	W	W	W	W	W	W	6.2	W	W	W	19
20									2.1				20
21									0				21
22									0				22
23									0				23
24									0				24
25									0				25
26									0				26
27									0				27
28									0				28
29									0				29
30									0				30
31									0				31
MEAN									11.8				MEAN
MAX.									0				MAX.
MIN.									183				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 183

Table B-26 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		ST. JOHNS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		ST. JOHNS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	10.6	9.2	11.7	13.8	12.6	14.0	1
2						0	10.6	9.2	11.7	13.8	12.6	14.0	2
3						0	10.6	9.2	11.7	13.8	12.6	14.0	3
4						0	10.6	9.2	11.7	13.8	12.6	14.0	4
5						0	10.6	9.2	11.7	13.8	12.6	14.0	5
6						0	10.6	9.2	11.7	13.8	12.6	14.0	6
7						0	9.1	9.2	11.7	13.8	12.6	10.2	7
8						0	7.5	11.3	11.7	13.8	12.6	10.2	8
9						0	7.5	13.4	11.7	13.8	12.6	10.2	9
10						0	7.5	13.4	11.7	13.8	12.6	10.2	10
11						0	7.5	13.4	11.7	11.6	12.6	10.2	11
12	N	N	N	N	N	0	7.5	13.4	11.7	9.4	12.6	10.2	12
13	O	O	O	O	O	0	7.5	13.4	11.7	9.4	12.6	10.2	13
14						0	7.5	13.4	11.7	9.4	12.6	10.2	14
15						0	7.5	13.4	11.7	9.4	12.6	10.2	15
16	F	F	F	F	F	0	7.5	13.4	11.7	9.4	13.3	10.2	16
17	L	L	L	L	L	0	7.5	13.4	11.7	9.4	14.0	10.2	17
18	O	O	O	O	O	0	7.5	13.4	11.7	9.4	14.0	10.2	18
19						5.0	7.5	13.4	12.5	9.4	14.0	10.2	19
20						7.1	7.5	13.4	13.8	9.4	14.0	10.2	20
21						9.2	7.5	13.4	13.8	9.4	14.0	10.2	21
22						9.2	7.5	13.4	13.8	9.4	14.0	10.2	22
23						9.2	7.5	13.4	13.8	9.4	14.0	10.2	23
24						9.2	7.5	12.0	13.8	9.4	14.0	10.2	24
25						9.2	9.2	11.7	13.8	9.4	14.0	10.2	25
26						9.2	9.2	11.7	13.8	9.4	14.0	10.2	26
27						9.9	9.2	11.7	13.8	11.0	14.0	10.2	27
28						10.6	9.2	11.7	13.8	12.6	14.0	10.2	28
29						10.6	9.2	11.7	13.8	12.6	14.0	10.2	29
30						10.6	9.2	11.7	13.8	12.6	14.0	10.2	30
31						10.6	10.6	11.7	13.8	12.6	14.0	10.2	31
MEAN						10.6	10.6	13.4	13.8	13.8	14.0	14.0	MEAN
MAX.						0	7.5	11.7	11.7	11.7	12.6	10.2	MAX.
MIN.						237	507	735	744	744	818	649	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4388

Table B-26 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		ST. JOHNS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8.6				0	10.4	12.4	12.3	12.3	10.8			1
2	8.6				0	10.4	12.4	12.3	12.3	10.8			2
3	8.6				0	10.4	12.4	12.3	12.3	10.8			3
4	8.6				0	10.4	11.3	12.3	12.3	10.8			4
5	8.6				8.2	5.2	10.2	12.3	12.3	10.8			5
6	8.6				12.3	0	10.2	12.3	12.3	10.8			6
7	8.6				12.3	0	10.2	12.3	12.3	10.8			7
8	8.6				12.3	0	10.2	12.3	12.3	10.8			8
9	8.6				12.3	0	10.2	12.3	12.3	10.8			9
10	8.6				12.3	0	10.2	12.3	12.3	10.8			10
11	8.6				12.3	0	10.2	12.3	12.3	10.8			11
12	8.6				12.3	0	10.2	12.3	12.3	9.7			12
13	8.6	N		N	12.3	0	10.2	12.3	12.3	8.5	N	N	13
14	8.6	O		O	10.4	0	10.2	12.3	12.3	8.5	O	O	14
15	8.6				10.4	0	10.2	12.3	12.3	8.5			15
16	8.6	F		F	10.4	0	10.2	12.3	10.8	8.5	F	F	16
17	8.6	L		L	10.4	0	10.2	12.3	10.8	8.5	L	L	17
18	8.6	O		O	10.4	0	10.2	12.3	10.8	8.5	O	O	18
19	8.6	W		W	10.4	0	10.2	12.3	10.8	8.5	W	W	19
20	8.6				10.4	0	10.2	12.3	10.8	8.5			20
21	8.6				10.4	0	10.2	12.3	10.8	8.5			21
22	8.6				10.4	0	10.2	12.3	10.8	8.5			22
23	8.6				10.4	0	10.2	12.3	10.8	2.8			23
24	2.9				10.4	0	10.2	12.3	10.8	0			24
25	0				10.4	0	10.2	12.3	10.8	0			25
26	0				10.4	0	10.2	12.3	10.8	0			26
27	0				10.4	8.3	10.2	12.3	10.8	0			27
28	0				10.4	12.4	10.2	12.3	10.8	0			28
29	0				0	12.4	11.2	12.3	10.8	0			29
30	0				0	12.4	12.3	12.3	10.8	0			30
31	0				0	12.4	12.3	12.3	10.8	0			31
MEAN	8.6				12.3	12.4	12.4	12.3	12.3	10.8			MEAN
MAX.	0				0	0	0	12.3	10.8	0			MAX.
MIN.	398				521	208	628	756	686	429			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 3626

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		ST. JOHNS DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	11.4	11.9	12.3	13.4	12.6	11.2	11.2	11.2	1
2				0	11.4	11.9	12.3	13.4	12.6	11.2	5.6	11.2	2
3				0	11.4	5.4	12.3	13.4	12.6	11.2	7.5	11.2	3
4				0	11.4	7.9	12.3	13.4	12.6	11.2	11.2	11.2	4
5				0	11.4	11.9	12.3	13.4	12.6	11.2	11.2	11.2	5
6				0	11.4	11.9	12.3	13.4	12.6	11.2	11.2	11.2	6
7				0	11.7	11.9	6.2	13.4	12.6	11.2	11.2	11.2	7
8				0	11.9	11.9	8.2	13.4	12.6	11.2	11.2	11.2	8
9				0	11.9	11.9	12.3	13.4	12.6	11.2	11.2	11.2	9
10				0	11.9	11.9	12.3	13.4	12.6	11.2	11.2	11.2	10
11				0	11.9	12.3	12.3	12.6	12.6	11.2	11.2	11.2	11
12	N			0	11.9	12.3	12.3	12.6	12.6	11.2	11.2	11.2	12
13	O	N		0	11.9	12.3	12.3	12.6	12.6	11.2	11.2	11.2	13
14		O		0	11.9	12.3	12.3	12.6	12.6	11.2	11.2	11.2	14
15				0	11.9	12.3	12.3	12.6	12.6	11.2	11.2	11.2	15
16	F	F		7.6	11.9	12.3	12.3	12.6	12.6	11.2	11.2	11.2	16
17	L	L		11.4	10.4	12.3	8.4	12.6	12.6	11.2	11.2	3.7	17
18	O	O		11.4	7.8	12.3	0	12.6	12.6	11.2	11.2	0	18
19	W	W		11.4	9.3	12.3	8.9	12.6	12.6	11.2	11.2	0	19
20				11.4	11.9	12.3	13.4	12.6	12.6	11.2	11.2	0	20
21				11.4	11.9	12.3	13.4	12.6	12.6	11.2	11.2	0	21
22				11.4	11.9	12.3	13.4	12.6	12.6	11.2	11.2	0	22
23				11.4	11.9	12.3	13.4	12.6	12.6	11.2	11.2	0	23
24				11.4	11.9	12.3	13.4	12.6	8.4	11.2	11.2	0	24
25				11.4	11.9	12.3	13.4	12.6	7.5	11.2	11.2	0	25
26				11.4	11.9	12.3	13.4	12.6	11.2	11.2	11.2	0	26
27				11.4	11.9	4.1	13.4	12.6	11.2	11.2	11.2	0	27
28				11.4	11.9	8.2	13.4	12.6	11.2	11.2	11.2	0	28
29				11.4	11.9	12.3	13.4	12.6	11.2	11.2	11.2	0	29
30				11.4	12.3	12.3	13.4	12.6	11.2	11.2	11.2	0	30
31				11.4	12.3	12.3	12.6	12.6	11.2	11.2	11.2	0	31
MEAN				11.4	11.9	12.3	13.4	13.4	12.6	11.2	11.2	11.2	MEAN
MAX.				0	7.8	4.1	0	12.6	7.5	11.2	5.6	0	MAX.
MIN.				354	662	703	697	791	717	689	670	363	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 5646

Table B-27

GOSHEN DITCH

Point of Diversion: 19.5 miles below McKay Point on the south bank of St. Johns River near the southwest corner of the NE 1/4, Section 11, T18S, R24E, M0B&M.

Maximum Diversion Capacity: Approximately 75 cfs.

Location: 100 feet below head of ditch.

Gage: Open-channel section with water-stage recorder and bridge for making current meter measurements.

Operating Agency: Goshen Ditch Company.

Gross Service Area: 5,550 acres.

Period of Record: 1958 to current year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		GOSHEN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

Table B-27 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		GOSHEN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		GOSHEN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	1	27	7	28	22	0	30	10	1
2				0	1	24	7	28	22	2	31	10	2
3				0	1	21	6	26	23	8	34	10	3
4				0	1	18	12	31	26	9	33	10	4
5				0	1	15	12	30	28	10	33	10	5
6				0	1	13	12	28	28	12	32	10	6
7				0	1	15	14	30	29	14	29	10	7
8				0	1	16	15	30	30	17	29	10	8
9				0	8	16	15	30	31	21	29	10	9
10				0	18	14	15	31	31	25	29	10	10
11				0	21	9	17	28	31	26	29	10	11
12	N	N	N	0	19	8	16	28	31	26	27	10	12
13	O	O	O	0	16	8	13	21	30	26	20	10	13
14				0	19	8	12	20	30	26	20	10	14
15				0	17	13	11	17	29	26	19	10	15
16	F	F	F	0	13	15	11	12	28	26	19	10	16
17	L	L	L	7	15	14	10	14	27	26	19	10	17
18	O	O	O	6	18	14	11	15	26	26	19	10	18
19	W	W	W	4	16	14	12	13	26	26	21	10	19
20				3	25	9	9	11	22	26	22	10	20
21				3	27	8	13	15	15	26	11	10	21
22				3	26	6	13	17	15	30	0	10	22
23				3	26	9	18	16	19	28	0	10	23
24				3	27	7	18	18	20	28	0	10	24
25				2	27	8	24	19	20	29	0	10	25
26				2	27	10	22	23	21	30	0	10	26
27				2	27	10	20	21	23	30	0	10	27
28				2	26	11	21	20	25	27	0	10	28
29				2	10	10	21	21	16	27	0	10	29
30				2	12	12	23	22	5	29	5	10	30
31				1	9	9		22		30	11		31
MEAN				7	27	27	24	31	31	30.	34	10	MEAN
MAX.				0	1	6	6	11	5	0	0	10	MAX.
MIN.				89	845	776	853	1359	1446	1373	1093	595	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 8429

Table B-27 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		GOSHEN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	10	10	Includes 1946 acre-feet of water from Jennings Ditch Entitlement	0	0	0	6	15	32	29			1
2	10	10		0	0	0	6	17	33	28			2
3	10	10		0	0	0	8	21	36	28			3
4	10	10		0	0	0	9	18	39	28			4
5	10	10		0	0	2	0	10	8	37	21		5
6	10	10		0	0	6	0	10	8	33	20		6
7	10	0		0	0	4	0	10	11	30	23		7
8	10	0		0	0	4	0	12	11	21	29		8
9	10	0		0	0	6	0	15	9	22	32		9
10	10	0		0	0	6	0	22	8	21	30		10
11	10	0		0	6	0	26	8	22	0		11	
12	10	0	N	0	6	0	26	9	26	0	N	12	
13	10	0	O	0	1	0	27	9	34	0	O	13	
14	10	0		0	10	0	31	9	40	0		14	
15	10	0		0	10	0	26	9	39	0		15	
16	10	0	F	0	10	0	8	6	38	0	F	16	
17	12	0	L	3	10	0	11	6	31	0	L	17	
18	12	0	O	6	10	0	16	6	25	0	O	18	
19	12	0	W	6	10	0	18	6	26	0	W	19	
20	12	0		7	9	0	18	6	35	0		20	
21	12	0		7	9	0	18	7	38	0		21	
22	12	0		6	9	0	18	8	37	0		22	
23	12	0		4	8	0	18	10	37	0		23	
24	12	0		0	8	0	22	10	36	0		24	
25	12	0		0	8	0	24	12	32	0		25	
26	12	0		0	8	0	19	14	31	0		26	
27	12	0		0	0	0	18	16	30	0		27	
28	12	0		0	0	6	19	26	21	0		28	
29	12	0		0	0	6	17	28	18	0		29	
30	11	0		0	0	6	9	30	24	0		30	
31	10	0		0	0	-6		30		0		31	
MEAN													MEAN
MAX.	12	10		7	10	6	31	30	40	32			MAX.
MIN.	10	0		0	0	0	6	6	18	0			MIN.
AC. FT.	668	119		77	317	48	986	776	1833	532			AC. FT.

Total Acre-Feet 5356

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		GOSHEN DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	20	13	23	21	18	53	31	25	1
2			Includes 3006 acre feet of water from Jennings Ditch Entitlement	0	20	11	26	23	20	52	30	25	2
3				0	20	6	30	21	21	52	30	25	3
4				0	20	5	37	23	23	47	30	25	4
5				0	20	4	38	21	24	43	30	15	5
6					0	21	4	36	19	27	39	30	10
7				0	24	4	38	18	30	33	30	10	7
8				0	25	4	31	18	27	35	31	10	8
9				0	24	4	21	18	13	36	35	10	9
10				5	23	5	18	18	9	33	35	10	10
11				0	24	6	20	18	10	33	32	10	11
12	N	N	N	0	26	6	20	18	10	28	30	15	12
13	O	O	O	0	34	6	19	18	12	20	30	15	13
14				4	37	8	19	18	20	20	30	15	14
15				16	15	7	19	17	35	21	30	15	15
16	F	F	F	20	4	7	25	18	38	23	30	15	16
17	L	L	L	25	5	7	29	19	39	31	30	15	17
18	O	O	O	35	7	10	36	22	39	34	25	0	18
19	W	W	W	35	7	15	41	36	38	34	25	0	19
20				16	7	17	42	36	38	33	26	0	20
21				14	8	14	42	36	38	32	29	0	21
22				10	9	11	42	36	38	34	32	0	22
23				12	8	8	40	38	38	32	33	0	23
24				16	8	8	39	17	38	35	33	0	24
25				16	8	14	34	13	38	35	29	0	25
26				16	8	19	28	13	47	36	29	0	26
27				19	11	20	28	14	60	36	29	0	27
28				17	14	21	28	22	61	31	29	0	28
29				15	15	21	24	29	64	31	25	0	29
30				15		21	23	32	59	31	25	0	30
31				17		25		26		31	25	0	31
MEAN													MEAN
MAX.				35	37	25	42	38	64	53	35	25	MAX.
MIN.				0	4	4	18	13	9	20	25	0	MIN.
AC. FT.				641	936	657	1777	1381	1928	2110	1821	526	AC. FT.

Total Acre-Feet 11777

Table B-27a

GOSHEN DITCH (a)

Point of Diversion: 19.5 miles below McKay Point on the south bank of St. Johns River near the southwest corner of the NE 1/4, Section 11, T18S, R24E, MDB&M.

Maximum Diversion Capacity: Approximately 75 cfs.

Location: 100 feet below head of ditch.

Gage: Open-channel section with water-stage recorder and bridge for making current meter measurements.

Operating Agency: Goshen Ditch Company.

Gross Service Area: 5,550 acres.

Period of Record: 1958 to current year.

Remarks: Water from Jennings Ditch entitlement.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		GOSHEN DITCH (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									32	29			1
2									33	28			2
3									36	0			3
4									39	0			4
5									37	0			5
6									33	0			6
7									30	0			7
8									21	0			8
9									22	0			9
10									21	0			10
11									22	0			11
12	N	N	N	N	N	N	N	N	26	0	N	N	12
13	O	O	O	O	O	O	O	O	34	0	O	O	13
14									40	0			14
15									39	0			15
16	F	F	F	F	F	F	F	F	38	0	F	F	16
17	L	L	L	L	L	L	L	L	31	0	L	L	17
18	O	O	O	O	O	O	O	O	25	0	O	O	18
19	W	W	W	W	W	W	W	W	26	0	W	W	19
20									35	0			20
21									38	0			21
22									37	0			22
23									37	0			23
24									36	0			24
25									32	0			25
26									31	0			26
27									30	0			27
28									21	0			28
29									18	0			29
30									24	0			30
31										0			31
MEAN									40	29			MEAN
MAX.									18	0			MAX.
MIN.									1833	113			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1946

Table B-27a (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		GOSHEN DITCH(a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0	31	25	1
2										0	30	25	2
3										0	30	25	3
4										0	30	25	4
5										0	30	15	5
6										0	30	10	6
7										0	30	10	7
8										0	31	10	8
9										0	35	10	9
10										0	35	10	10
11										0	32	10	11
12	N	N	N	N	N	N	N	N	N	0	30	15	12
13	O	O	O	O	O	O	O	O	O	0	30	15	13
14										0	30	15	14
15										0	30	15	15
16	F	F	F	F	F	F	F	F	F	0	30	15	16
17	L	L	L	L	L	L	L	L	L	0	30	15	17
18	O	O	O	O	O	O	O	O	O	0	25	0	18
19	W	W	W	W	W	W	W	W	W	0	25	0	19
20										0	26	0	20
21										0	29	0	21
22										34	32	0	22
23										32	33	0	23
24										35	33	0	24
25										35	29	0	25
26										36	29	0	26
27										36	29	0	27
28										31	29	0	28
29										31	25	0	29
30										31	25	0	30
31										31	25	0	31
MEAN													MEAN
MAX.										36	35	25	MAX.
MIN.										0	25	0	MIN.
AC. FT.										659	1821	526	AC. FT.

Total Acre-Feet 3006

Table B-28

HARRELL RANCH - UPPER DIVERSION

Point of Diversion: On north side of St. Johns River, southwest of north 1/4 corner of Section 11, T18S, R24E, M08&M.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		HARRELL RANCH - UPPER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0				1
2									0				2
3									0				3
4									0				4
5									0				5
6									0				6
7									0				7
8									0				8
9									0				9
10									0				10
11									24				11
12	N	N	N	N	N	N	N	N	46	N	N	N	12
13	O	O	O	O	O	O	O	O	46	O	O	O	13
14									46				14
15									25				15
16									0				16
17	F	F	F	F	F	F	F	F	0	F	F	F	17
18	L	L	L	L	L	L	L	L	0	L	L	L	18
19	O	O	O	O	O	O	O	O	0	O	O	O	19
20	W	W	W	W	W	W	W	W	0	W	W	W	20
21									0				21
22									0				22
23									0				23
24									0				24
25									0				25
26									0				26
27									0				27
28									0				28
29									0				29
30									0				30
31									0				31
MEAN									46				MEAN
MAX.									0				MAX.
MIN.									0				MIN.
AC. FT.									371				AC. FT.

Total Acre-Feet 371

Table B-28 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		HARRELL RANCH - UPPER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		HARRELL RANCH - UPPER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0	58	0	17	75	76	37	34	31	0	1
2			0	66	0	17	71	77	37	32	23	20	2
3			0	63	0	17	73	78	36	28	17	22	3
4			0	16	0	17	76	78	33	32	17	32	4
5			0	0	0	17	78	78	27	32	18	32	5
6			0	0	0	47	81	78	40	31	18	32	6
7			0	0	0	59	81	78	77	36	0	20	7
8			0	0	0	56	81	78	95	34	0	18	8
9			0	0	0	49	81	78	88	34	6	18	9
10			0	0	51	53	81	78	89	34	0	18	10
11			0	0	43	55	81	78	89	34	0	18	11
12	N	N	0	0	8	56	84	78	87	33	0	22	12
13	O	O	0	0	8	55	85	78	89	33	0	38	13
14			0	0	21	52	85	78	93	33	0	47	14
15			0	0	41	48	86	77	97	33	0	45	15
16	F	F	0	0	23	49	89	74	97	33	0	44	16
17	L	L	0	76	14	49	89	74	97	31	0	44	17
18	O	O	0	96	12	49	89	74	97	30	0	44	18
19	W	W	0	94	8	49	89	65	91	30	0	45	19
20			0	89	7	49	87	55	91	29	0	45	20
21			0	86	9	48	84	55	91	27	0	41	21
22			0	86	10	53	87	35	90	39	0	40	22
23			0	86	10	65	89	35	90	38	0	40	23
24			0	0	10	50	78	36	91	33	0	40	24
25			0	0	17	73	66	40	91	33	0	39	25
26			0	0	18	79	76	38	90	33	0	38	26
27			0	0	19	74	76	38	89	33	0	37	27
28			0	0	18	73	76	37	85	33	0	37	28
29			0	0	0	74	76	37	52	33	0	38	29
30			23	0	0	74	76	37	35	33	0	38	30
31			46	0	0	78	76	37		31	0		31
MEAN			46	96	51	78	89	78	97	39	31	47	MEAN
MAX.			0	0	0	17	66	35	27	27	0	0	MAX.
MIN.			137	1619	748	3176	4812	3834	4544	2007	258	1968	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 23103

Table 8-28 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		HARRELL RANCH - UPPER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	38	0			0	31	0	18	23				1
2	41	0			0	30	0	11	22				2
3	42	12			30	27	17	12	22				3
4	52	24			30	23	17	13	22				4
5	51	26			30	0	17	20	23				5
6	51	27			32	0	17	23	28				6
7	51	23			0	0	17	22	35				7
8	51	26			21	0	17	23	37				8
9	53	26			44	0	17	22	35				9
10	54	26			44	0	11	26	41				10
11	53	21			44	0	8	33	41				11
12	53	22	N	N	44	0	8	21	40	N	N	N	12
13	53	16	O	O	3	0	8	14	40	O	O	O	13
14	54	0			0	0	9	10	40				14
15	55	0			3	0	14	5	43				15
16	56	0	F	F	51	0	11	5	43	F	F	F	16
17	59	0	L	L	55	0	21	5	43	L	L	L	17
18	57	0	O	O	56	0	31	0	43	O	O	O	18
19	57	0	W	W	38	0	33	0	43	W	W	W	19
20	56	0			42	0	35	0	43				20
21	56	0			47	0	35	0	43				21
22	56	0			53	0	34	3	40				22
23	56	0			44	0	28	12	37				23
24	56	0			41	0	17	18	37				24
25	55	0			40	0	17	20	37				25
26	39	0			40	0	17	22	37				26
27	0	0			40	0	17	22	37				27
28	0	0			37	22	14	24	25				28
29	0	0				18	13	27	0				29
30	0	0				18	11	28	0				30
31	0	0				17		24	0				31
MEAN	59	27			56	31	35	33	43				MEAN
MAX.	0	0			0	0	0	0	0				MAX.
MIN.	2688	494			1803	369	1014	958	1984				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 9310

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		HARRELL RANCH - UPPER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	31	23	17	22	17	26	17		1
2				0	31	23	17	21	18	27	18		2
3				0	31	21	17	18	18	27	17		3
4				0	32	20	22	18	18	25	12		4
5				0	32	19	22	18	18	22	11		5
6				0	32	19	21	18	19	20	11		6
7				0	32	19	29	18	23	17	10		7
8				0	32	19	29	18	24	19	8		8
9				0	32	19	32	19	24	21	7		9
10				0	32	18	29	18	24	21	7		10
11				0	31	17	27	16	24	21	9		11
12	N	N	N	0	30	23	25	17	25	22	16		12
13	O	O	O	0	30	27	25	17	24	21	19	N	13
14				7	30	23	25	23	24	20	20	O	14
15				15	30	25	23	24	23	20	20		15
16	F	F	F	29	31	26	22	24	23	20	23	F	16
17	L	L	L	25	31	26	22	23	22	20	24	L	17
18	O	O	O	25	30	26	22	23	22	20	9	O	18
19	W	W	W	23	29	26	23	24	21	20	3	W	19
20				22	31	26	26	25	20	20	0		20
21				21	30	26	26	26	20	16	0		21
22				21	27	27	26	23	20	16	0		22
23				21	23	26	28	18	20	16	0		23
24				21	22	26	30	19	20	16	0		24
25				20	21	26	30	22	20	11	0		25
26				20	21	26	29	19	20	11	0		26
27				18	21	27	30	19	20	11	0		27
28				18	22	24	27	18	21	11	0		28
29				18	23	21	25	16	24	16	0		29
30				22	21	21	23	17	25	16	0		30
31				31	18	18		16		16	0		31
MEAN				31	32	27	32	26	25	27	24		MEAN
MAX.				0	21	17	17	16	17	11	0		MAX.
MIN.				748	1646	1414	1486	1224	1271	1160	518		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 9467

Table B-28a

HARRELL RANCH - LOWER DIVERSION

Point of Diversion: On the north side of St. Johns River, west of the south 1/4 corner of Section 34, T17S, R24E, MDB&M.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		HARRELL RANCH - LOWER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12	N	N	N	N	N	N	N	N	16*	N	N	N	12
13	O	O	O	O	O	O	O	O		O	O	O	13
14									6*				14
15													15
16	F	F	F	F	F	F	F	F		F	F	F	16
17	L	L	L	L	L	L	L	L		L	L	L	17
18	O	O	O	O	O	O	O	O		O	O	O	18
19	W	W	W	W	W	W	W	W		W	W	W	19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Table B-28a (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		HARRELL RANCH - LOWER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		HARRELL RANCH - LOWER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Based on intermittent gate opening and bead differential readings.												1
2	Partly estimated.												2
3													3
4													4
5							22						5
6													6
7										31			7
8													8
9													9
10										32			10
11									29				11
12	N	N	N	N								N	12
13	O	O	O	O								O	13
14													14
15													15
16	F	F	F	F								F	16
17	L	L	L	L			18			32		L	17
18	O	O	O	O								O	18
19	W	W	W	W								W	19
20					22								20
21					18								21
22													22
23													23
24													24
25													25
26													26
27													27
28									26	34			28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Table B-28a (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		HARRELL RANCH - LOWER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	4	10	8	8	10				1
2				0	4	10	8	7	10				2
3				0	4	10	8	7	11				3
4				0	4	10	8	7	11				4
5				0	4	11	9	7	11				5
6				0	7	11	9	7	12				6
7				0	8	12	10	8	13				7
8				0	8	12	10	8	13				8
9				0	8	12	10	10	13				9
10				0	8	12	10	10	13				10
11				0	8	12	10	12	13				11
12	N	N	N	0	8	12	12	13	13	N	N	N	12
13	O	O	O	0	9	12	12	13	13	O	O	O	13
14				0	10	12	13	13	13				14
15				0	10	12	13	13	13				15
16	F	F	F	0	10	12	13	13	13	F	F	F	16
17	L	L	L	0	10	10	13	11	13	L	L	L	17
18	O	O	O	0	10	8	13	11	13	O	O	O	18
19	W	W	W	0	10	8	13	11	13	W	W	W	19
20				0	9	8	13	10	13				20
21				4	9	7	10	10	13				21
22				4	9	7	10	10	12				22
23				4	9	7	10	10	12				23
24				4	9	7	10	10	12				24
25				4	9	7	10	10	11				25
26				4	10	7	10	10	11				26
27				4	10	7	10	10	10				27
28				4	10	7	9	10	8				28
29				4	8	8	9	10	0				29
30				4	8	8	9	10	10				30
31				4	8	8	9	10	10				31
MEAN				4	10	12	13	13	13				MEAN
MAX.				0	4	7	8	7	0				MAX.
MIN.				87	452	587	619	613	666				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 3024

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		HARRELL RANCH - LOWER DIVERSION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9										15			9
10													10
11													11
12	N	N	N	N	N	N	N				N	N	12
13	O	O	O	O	O	O	O				O	O	13
14													14
15										13			15
16	F	F	F	F	F	F	F		13		F	F	16
17	L	L	L	L	L	L	L			0	L	L	17
18	O	O	O	O	O	O	O				O	O	18
19	W	W	W	W	W	W	W				W	W	19
20													20
21													21
22								13		10			22
23									14	10			23
24													24
25													25
26													26
27										10			27
28													28
29								15		5			29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Total Acre-Feet

Table B-28b

HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER

Point of Diversion: On the south side of St. Johns River in the NE 1/4, Section 32, T17S, R24E, MDB&M.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	*Current meter measurements taken												1
2	these days - water was available												2
3	at this station June 12-14 but												3
4	total quantities diverted not												4
5	known.												5
6													6
7													7
8													8
9													9
10													10
11													11
12	N	N	N	N	N	N	N	N	10.5*	N	N	N	12
13	O	O	O	O	O	O	O	O	6.9*	O	O	O	13
14													14
15													15
16	F	F	F	F	F	F	F	F		F	F	F	16
17	L	L	L	L	L	L	L	L		L	L	L	17
18	O	O	O	O	O	O	O	O		O	O	O	18
19	W	W	W	W	W	W	W	W		W	W	W	19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Table B-28b (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12	N	N	N	N	N				12			N	12
13	O	O	O	O	O							O	13
14													14
15													15
16	F	F	F	F	F							F	16
17	L	L	L	L	L		12			12		L	17
18	O	O	O	O	O							O	18
19	W	W	W	W	W							W	19
20													20
21													21
22													22
23													23
24													24
25													25
26									11				26
27													27
28									9	13			28
29									6				29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Based on intermittent gate opening and head differential readings.
Partly estimated.
Water flowed past this station other days but was not measured so a complete recording was not possible.

Table B-28b (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8							0	13				1
2	8							0	13				2
3	8							0	13				3
4	8							0	13				4
5	8							0	15				5
6	8							6	18				6
7	8							6	20				7
8	8							6	20				8
9	8							6	20				9
10	8							6	20				10
11	8							6	20				11
12	8	N	N	N	N	N	N	5	25	N	N	N	12
13	8	O	O	O	O	O	O	5	25	O	O	O	13
14	8							5	25				14
15	8							5	25				15
16	8	F	F	F	F	F	F	10	25	F	F	F	16
17	8	L	L	L	L	L	L	10	25	L	L	L	17
18	8	O	O	O	O	O	O	10	25	O	O	O	18
19	8	W	W	W	W	W	W	10	25	W	W	W	19
20	8							10	24				20
21	8							11	23				21
22	8							11	23				22
23	8							11	23				23
24	8							11	23				24
25	8							12	23				25
26	8							12	23				26
27	0							13	23				27
28	0							13	24				28
29	0							13	23				29
30	0							13	0				30
31	0							13					31
MEAN	8							13	25				MEAN
MAX.	8							13	25				MAX.
MIN.	0							0	0				MIN.
AC. FT.	418							474	1224				AC. FT.

Total Acre-Feet 1698

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10										0			10
11													11
12	N	N	N	N	N	N	N				N	N	12
13	O	O	O	O	O	O	O				O	O	13
14													14
15										5			15
16	F	F	F	F	F	F	F				F	F	16
17	L	L	L	L	L	L	L			5	L	L	17
18	O	O	O	O	O	O	O				O	O	18
19	W	W	W	W	W	W	W				W	W	19
20													20
21													21
22										10			22
23								25	27				23
24										27			24
25													25
26													26
27													27
28													28
29								27	0				29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Total Acre-Feet 126

Table B-28c

HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER NEAR ROAD 92

Point of Diversion: On the south side of St. Johns River in the NE 1/4, Section 32, T17S, R24E, M08&M.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER NEAR ROAD 92

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	6	6	8				1
2						0	7	7	8				2
3						0	7	8	8				3
4						0	7	8	8				4
5						0	6	8	3				5
6						0	6	8	0				6
7						0	6	8	0				7
8						0	6	8	0				8
9						0	7	8	0				9
10						0	7	8	0				10
11						0	7	8	0				11
12	N	N	N	N	N	0	8	8	0	N	N	N	12
13	O	O	O	O	O	0	6	10	0	O	O	O	13
14						0	0	10	0				14
15						0	0	10	0				15
16						0	0	10	0	F	F	F	16
17	F	F	F	F	F	0	0	10	0	L	L	L	17
18	L	L	L	L	L	0	4	10	4	O	O	O	18
19	O	O	O	O	O	0	8	10	8	W	W	W	19
20						0	8	10	8				20
21						0	8	10	8				21
22						0	8	10	5				22
23						0	7	8	0				23
24						0	7	8	0				24
25						0	7	8	0				25
26						0	7	8	4				26
27						0	7	8	5				27
28						3	6	8	6				28
29						6	6	8	0				29
30						6	6	8	0				30
31						6	6	8	0				31
MEAN						6	8	10	8				MEAN
MAX.						0	0	6	0				MAX.
MIN.						42	363	526	180				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1111

Table B-28c (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		HARRELL RANCH - SOUTH SIDE ST. JOHNS RIVER NEAR ROAD 92

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Based on intermittent current meter measurements.												1
2													2
3													3
4	Partly estimated.												4
5													5
6	Water flowed past this station other days but was not measured so a complete recording was not possible.												6
7													7
8													8
9													9
10													10
11													11
12	N	N	N		N	N	N				N	N	12
13	O	O	O		O	O	O				O	O	13
14													14
15										4			15
16	F	F	F		F	F	F						16
17	L	L	L		L	L	L			10	F	F	17
18	O	O	O		O	O	O				L	L	18
19	W	W	W	10	W	W	W				O	O	19
20													20
21													21
22													22
23								0	6	5			23
24													24
25													25
26													26
27													27
28													28
29								6					29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Total Acre-Feet 41

Table B-29

LAKESIDE DITCH

Point of Diversion: 33 miles below McKay Point on the north branch of Cross Creek (a continuation of St. Johns River) in the NW 1/4, Section 19, T18S, R23E, M08&M.

Maximum Diversion Capacity: 475 cfs.

Location: D.5 mile below head of ditch in the NE 1/4, Section 24, T18S, R22E, M08&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by current meter measurements. Parshall flume installed February 1966.

Operating Agency: Lakeside Ditch Company.

Gross Service Area: 26,300 acres.

Period of Record: No record during the year ending September 30, 1919; continuous from April 10, 1917 to September 30, 1918 and from October 1, 1919 to current year.

Remarks: Data represents total water through headgate.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		LAKESIDE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	All Kings River water.												1
2													2
3	No St. Johns River water diversion during the year.												3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12	N	N	N	N	N	N	N	N	0	N	N	N	12
13	O	O	O	O	O	O	O	O	0	O	O	O	13
14													14
15													15
16	F	F	F	F	F	F	F	F	150		F	F	16
17	L	L	L	L	L	L	L	L	148		L	L	17
18	O	O	O	O	O	O	O	O	147		O	O	18
19	W	W	W	W	W	W	W	W	147		W	W	19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1753

Table B-29 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		LAKESIDE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSIONS FOR THE YEAR

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		LAKESIDE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				68	0	58	162	175	204	187	341	233	1
2				98	0	28	135	172	194	201	300	175	2
3				95	0	80	114	181	212	219	278	109	3
4				64	0	103	128	184	235	192	303	137	4
5				16	0	117	143	164	209	192	328	137	5
6				0	0	91	152	159	207	228	362	118	6
7				0	0	133	164	159	216	241	364	33	7
8				0	0	173	152	166	271	286	255	78	8
9				0	168	169	138	150	302	396	243	93	9
10				0	337	156	143	156	337	362	295	101	10
11				0	377	163	138	203	339	357	309	104	11
12	N	N	N	0	267	138	129	235	350	355	309	115	12
13	O	O	O	0	153	132	128	269	341	343	319	124	13
14				0	156	122	134	215	310	355	348	138	14
15				0	148	108	142	212	392	389	327	162	15
16	F	F	F	11	104	99	139	230	415	357	250	163	16
17	L	L	L	57	137	114	138	228	431	375	212	152	17
18	O	O	O	372	103	130	129	216	494	355	150	130	18
19	W	W	W	293	90	123	143	204	436	330	167	123	19
20				257	89	106	156	203	400	310	166	122	20
21				177	88	99	161	209	392	302	167	133	21
22				96	62	98	164	192	427	297	172	137	22
23				68	74	105	161	204	400	302	170	147	23
24				63	122	86	158	224	343	317	167	142	24
25				37	110	66	170	206	341	262	184	128	25
26				0	122	118	166	193	374	231	203	84	26
27				0	118	142	167	192	379	259	204	53	27
28				0	90	135	164	218	325	302	221	69	28
29				0	148	155	155	235	231	327	227	88	29
30				0	163	164	164	223	173	360	224	103	30
31				0	164	164	164	206	206	374	228	228	31
MEAN				372	377	173	170	269	494	396	364	233	MEAN
MAX.				0	0	28	114	150	173	187	150	33	MAX.
MIN.				3515	5782	7273	8801	12264	19200	18572	15457	7202	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 98066

Table B-29 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		LAKESIDE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	109	94		0	0	128	115	148	237	230	8		1
2	124	94		0	0	91	135	125	203	265	8		2
3	114	63		0	0	87	140	128	192	250	8		3
4	105	58		0	0	43	134	111	196	267	8		4
5	98	82		0	54	32	130	99	172	262	8		5
6	101	93		0	98	27	113	101	156	267	21		6
7	99	91		0	193	24	103	115	178	225	14		7
8	119	105		0	207	24	114	129	233	190	8		8
9	123	117		0	206	22	135	136	266	240	8		9
10	112	130		0	190	19	134	119	290	221	8		10
11	105	63		0	159	17	147	111	317	181	9		11
12	104	68	N	0	112	14	135	133	271	86	10	N	12
13	114	113	O	0	74	13	98	142	247	91	50	O	13
14	119	94		0	74	7	112	156	309	7	227		14
15	139	102		0	110	0	177	118	319	7	237		15
16	170	106	F	21	199	0	151	87	323	18	235	F	16
17	198	62	L	145	186	0	135	90	319	16	240	L	17
18	186	36	O	110	210	0	138	109	300	8	238	O	18
19	164	14	W	104	229	0	151	141	267	7	246	W	19
20	148	0		74	211	0	159	145	207	8	234		20
21	130	All water through headgate.		36	208	0	155	123	194	8	214		21
22	158			35	207	0	155	118	184	7	227		22
23	150			25	237	0	163	118	224	21	229		23
24	174	0		0	219	0	152	97	252	12	113		24
25	140	0		0	205	49	105	118	267	8	0		25
26	114	0		0	195	187	149	114	228	8	0		26
27	85	0		0	201	190	168	123	187	8	0		27
28	31	0		0	205	186	152	135	196	9	0		28
29	6	0		0	0	187	174	159	152	20	0		29
30	34	0		0	0	187	175	177	215	27	0		30
31	82	0		0	0	143	0	204	0	13	0		31
MEAN	198	130		145	237	190	177	204	323	267	246		MEAN
MAX.	6	0		0	0	0	98	87	152	7	0		MAX.
MIN.	7250	3144		1091	8309	3326	8339	7793	14085	5925	5173		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 64435

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		LAKESIDE DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	173	207	218	152	124	248	370	264	1
2				0	170	179	220	158	150	240	343	195	2
3				0	162	184	235	152	137	234	352	170	3
4				0	153	216	237	147	145	214	355	140	4
5				0	151	175	233	139	142	198	321	121	5
6				0	152	138	258	135	132	193	307	123	6
7				0	166	124	264	131	149	203	337	138	7
8				0	166	111	204	130	166	204	366	151	8
9				0	166	134	181	143	198	235	355	148	9
10				0	187	125	168	152	226	275	364	169	10
11				0	197	109	170	135	293	299	370	171	11
12	N		N	39	215	89	162	155	333	327	349	159	12
13	O	N	O	228	215	115	162	164	376	328	348	155	13
14				159	210	153	158	160	385	321	345	169	14
15				270	244	148	135	153	388	280	356	161	15
16	F	F	F	268	225	168	130	143	383	270	370	148	16
17	L	L	L	267	231	163	174	120	383	332	402	154	17
18	O	O	O	241	187	162	183	111	392	350	340	161	18
19	W	W	W	215	151	186	201	123	402	345	363	139	19
20				233	153	202	207	132	390	275	386	113	20
21				231	204	210	206	133	400	276	372	98	21
22				197	224	210	173	153	381	253	357	98	22
23				184	366	200	159	168	365	250	317	84	23
24				215	300	204	175	177	307	293	330	77	24
25				238	241	240	178	167	298	293	368	127	25
26				220	250	290	169	160	265	317	380	137	26
27				210	215	292	166	133	254	362	253	142	27
28				213	193	348	174	78	250	364	271	98	28
29				224	181	330	156	115	274	328	269	7	29
30				198	285	285	142	127	265	330	254	0	30
31				164	266	266	0	124	0	335	272	0	31
MEAN				270	366	348	264	177	402	364	402	264	MEAN
MAX.				0	151	89	130	78	124	193	253	0	MAX.
MIN.				8358	11600	11828	11104	8668	16568	17399	20712	7968	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 114205

Table B-30

KINGS RIVER WATER THROUGH LAKESIDE HEADGATE

Point of Diversion: 33 miles below McKay Point on the north branch of Cross Creek (a continuation of St. Johns River) in the NW 1/4, Section 19, T18S, R23E, M08&M.

Maximum Diversion Capacity: 475 cfs.

Location: 0.5 mile below head of ditch in the NE 1/4, Section 24, T18S, R22E, M08&M.

Gage: Open-channel, staff gage and water-stage recorder rated by current meter measurements. Parshall flume installed February 1966.

Operating Agency: Lakeside Ditch Company.

Gross Service Area: 26,300 acres.

Remarks: These tables show the distribution of the water diverted through Lakeside Headgate.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		KINGS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0				1
2									0				2
3									0				3
4									0				4
5									0				5
6									0				6
7									0				7
8									0				8
9									0				9
10									0				10
11									0				11
12	N	N	N	N	N	N	N	N	0	N	N	N	12
13	O	O	O	O	O	O	O	O	0	O	O	O	13
14									87				14
15									150				15
16	F	F	F	F	F	F	F	F	150	F	F	F	16
17	L	L	L	L	L	L	L	L	148	L	L	L	17
18	O	O	O	O	O	O	O	O	147	O	O	O	18
19	W	W	W	W	W	W	W	W	147	W	W	W	19
20									55				20
21									0				21
22									0				22
23									0				23
24									0				24
25									0				25
26									0				26
27									0				27
28									0				28
29									0				29
30									0				30
31									0				31
MEAN													MEAN
MAX.									150				MAX.
MIN.									0				MIN.
AC. FT.									1753				AC. FT.

Total Acre-Feet 1753

Table B-30 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		KINGS RIVER-WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										115	0	233	1
2										150	0	175	2
3										200	0	109	3
4										192	0	137	4
5										150	0	125	5
6													6
7										150	0	103	7
8										150	0	17	8
9										0	0	0	9
10										0	0	0	10
11										0	0	0	11
12	N									0	0	0	12
13	O	N								0	0	0	13
14		O	N							0	0	0	14
15			O	N						0	0	0	15
16	F									0	0	0	16
17	L	F								0	0	0	17
18	O	L								0	86	0	18
19	W	O								0	167	0	19
20		W								0	163	0	20
21										0	164	0	21
22										0	164	0	22
23										0	170	0	23
24										0	167	0	24
25										0	184	0	25
26										0	203	0	26
27										0	204	0	27
28										0	213	0	28
29										0	219	0	29
30										0	218	0	30
31											228		31
MEAN										200	228	233	MEAN
MAX.										0	0	0	MAX.
MIN.										2196	5058	1783	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 9037

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		KINGS RIVER-WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1							0		0		0		1
2							0		0		0		2
3							0		0		0		3
4							0		0		0		4
5							0		0		0		5
6							0		0		0		6
7							0		0		0		7
8							0		0		0		8
9							0		0		0		9
10							0		0		0		10
11							0		0		0		11
12	N						0	N	0	N	0	N	12
13	O	N					0	O	0	O	38	O	13
14		O	N				0		15		224		14
15			O				0		43		237		15
16	F						91	F	44	F	233	F	16
17	L	F					135	L	42	L	240	L	17
18	O	L					138	O	43	O	238	O	18
19	W	O					150	W	31	W	246	W	19
20		W					150		17		234		20
21							150		0		214		21
22							150		0		227		22
23							150		0		226		23
24							71		0		113		24
25							0		0		0		25
26							0		0		0		26
27							0		0		0		27
28							0		0		0		28
29							0		0		0		29
30							0		0		0		30
31							0		0		0		31
MEAN							150		44		246		MEAN
MAX.							0		0		0		MAX.
MIN.							2351		466		4899		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 7716

Table B-30 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		KINGS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1												0	1
2												0	2
3												0	3
4												0	4
5												0	5
6												0	6
7												0	7
8												0	8
9												0	9
10												0	10
11												0	11
12	N	N	N	N	N	N	N	N	N	N	N	0	12
13	O	O	O	O	O	O	O	O	O	O	O	0	13
14												0	14
15												0	15
16	F	F	F	F	F	F	F	F	F	F	F	0	16
17	L	L	L	L	L	L	L	L	L	L	L	0	17
18	O	O	O	O	O	O	O	O	O	O	O	0	18
19	W	W	W	W	W	W	W	W	W	W	W	0	19
20												0	20
21												0	21
22												0	22
23												0	23
24												37	24
25												127	25
26												137	26
27												142	27
28												98	28
29												7	29
30												0	30
31												0	31
MEAN												142	MEAN
MAX.												0	MAX.
MIN.												0	MIN.
AC. FT.												1087	AC. FT.

Total Acre-Feet 1087

Table B-30a

ST. JOHNS RIVER WATER THROUGH LAKESIDE HEADGATE

Point of Diversion: 33 miles below McKay Point on the north branch of Cross Creek (a continuation of St. Johns River) in the NW 1/4, Section 19, T18S, R23E, MDB&M.

Maximum Diversion Capacity: 475 cfs.

Location: 0.5 mile below head of ditch in the NE 1/4, Section 24, T18S, R22E, MDB&M.

Gage: Open-channel, staff gage and water-stage recorder rated by current meter measurements. Parshall flume installed February 1966.

Operating Agency: Lakeside Ditch Company.

Gross Service Area: 26,300 acres.

Remarks: These tables show the distribution of the water diverted through Lakeside Headgate.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		ST. JOHNS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	0	58	162	175	204	50	330	0	1
2				0	0	28	135	172	194	50	300	0	2
3				0	0	80	114	181	212	19	278	0	3
4				0	0	103	128	184	235	0	303	0	4
5				0	0	117	143	164	209	42	325	0	5
6				0	0	91	152	159	207	78	325	0	6
7				0	0	133	164	159	216	91	310	0	7
8				0	0	173	152	166	271	286	255	0	8
9				0	168	169	138	150	290	350	243	93	9
10				0	337	156	143	156	310	350	295	100	10
11				0	377	163	138	203	312	350	309	100	11
12				0	267	138	129	235	318	355	309	115	12
13				0	153	132	128	269	313	343	310	124	13
14				0	156	122	134	215	295	355	325	125	14
15				0	148	108	142	212	343	389	260	100	15
16				11	104	99	139	230	356	330	250	100	16
17				57	137	114	138	228	364	295	212	100	17
18				372	103	130	129	216	401	295	0	100	18
19				293	90	123	143	204	368	330	0	100	19
20				191	89	106	156	203	346	305	0	72	20
21				33	0	99	161	209	341	302	0	83	21
22				0	0	96	164	192	362	280	0	87	22
23				0	0	105	161	204	343	270	0	97	23
24				0	0	86	158	224	306	270	0	92	24
25				0	0	66	170	206	302	262	0	75	25
26				0	0	118	166	193	320	231	0	75	26
27				0	0	142	167	192	321	259	0	53	27
28				0	0	135	164	192	282	302	0	69	28
29				0	0	148	155	235	170	327	0	88	29
30				0	0	163	164	223	173	330	0	103	30
31				0	0	164	164	206		330	0		31
MEAN				372	377	173	170	269	401	389	330	125	MEAN
MAX.				0	0	28	114	150	170	0	0	0	MAX.
TOTL. AC. FT.				1898	4223	7273	8801	12264	17225	15523	9796	4068	TOTL. AC. FT.

Total Acre-Feet 81071

Table B-30a (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		ST. JOHNS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Includes Entitlement Release, Schedule II Releases and Flood Releases			0				0	237				1
2				0				6	203				2
3				0				40	192				3
4				0				31	196				4
5				0				19	172				5
6				0				21	156				6
7				0				35	178				7
8				0				49	214				8
9				0				56	196				9
10				0				39	165				10
11				0				31	170				11
12	N	N	N	0	N	N	N	53	169	N	N	N	12
13	O	O	O	0	O	O	O	62	157	O	O	O	13
14				0				76	130				14
15				0				38	77				15
16	F	F	F	21	F	F	F	7	42	F	F	F	16
17	L	L	L	145	L	L	L	10	34	L	L	L	17
18	O	O	O	110	O	O	O	29	8	O	O	O	18
19	W	W	W	104	W	W	W	61	0	W	W	W	19
20				74				80	0				20
21				36				123	0				21
22				35				118	0				22
23				25				118	0				23
24				0				97	0				24
25				0				118	0				25
26				0				114	0				26
27				0				123	0				27
28				0				135	0				28
29				0				159	0				29
30				0				177	0				30
31				0				204	0				31
MEAN				145				204	237				MEAN
MAX.				0				0	0				MAX.
MIN.				1091				4421	5348				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 10860

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		ST. JOHNS RIVER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	173	207	218	152	0	248			1
2				0	170	179	220	158	0	240			2
3				0	162	184	235	152	0	234			3
4				0	153	216	237	147	0	214			4
5				0	151	175	233	139	142	198			5
6				0	152	138	258	135	132	193			6
7				0	166	124	264	131	149	203			7
8				0	166	111	204	130	166	0			8
9				0	166	134	181	143	198	0			9
10				0	187	125	168	152	226	0			10
11				0	197	109	170	135	293	0			11
12	N	N	N	39	215	89	162	155	333	0	N	N	12
13	O	O	O	228	215	115	162	164	376	0	O	O	13
14				159	210	153	158	160	385	0			14
15				270	244	148	135	153	388	0			15
16	F	F	F	268	225	168	130	143	383	0	F	F	16
17	L	L	L	267	231	163	174	120	383	0	L	L	17
18	O	O	O	241	187	162	183	111	392	0	O	O	18
19	W	W	W	215	151	186	201	123	402	0	W	W	19
20				233	153	202	207	132	390	0			20
21				231	204	210	206	133	400	0			21
22				197	224	210	173	153	381	0			22
23				184	366	200	159	168	365	0			23
24				215	300	204	175	177	307	0			24
25				238	241	240	178	82	298	0			25
26				220	250	290	169	0	265	0			26
27				210	215	292	166	0	254	0			27
28				213	193	348	174	0	250	0			28
29				224	181	330	156	0	274	0			29
30				198	285	285	142	0	265	0			30
31				164	266	266	0	0	0	0			31
MEAN				270	366	348	264	177	402	248			MEAN
MAX.				0	151	89	130	0	0	0			MAX.
MIN.				8358	11600	11828	11104	7038	15465	3035			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 68428

Table B-30b

OTHER ST. JOHNS RIVER SOURCES THROUGH LAKESIDE HEADGATE

Point of Diversion: 33 miles below McKay Point on the north branch of Cross Creek (a continuation of St. Johns River) in the NW 1/4, Section 19, T18S, R23E, MDB&M.

Maximum Diversion Capacity: 475 cfs.

Location: 0.5 mile below head of ditch in the NE 1/4, Section 24, T18S, R22E, MDB&M.

Gage: Open-channel, staff gage and water-stage recorder rated by current meter measurements. Parshall flume installed February 1966.

Operating Agency: Lakeside Ditch Company.

Gross Service Area: 26,300 acres.

Remarks: These tables show the distribution of the water diverted through Lakeside Headgate.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		OTHER ST. JOHNS RIVER SOURCES THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				68	0				0	22	11	0	1
2				98	0				0	1	0	0	2
3				95	0				0	0	0	0	3
4				64	0				0	0	0	0	4
5				16	0				0	0	3	12	5
6				0	0				0	0	37	15	6
7				0	0				0	0	54	16	7
8				0	0				0	0	0	78	8
9				0	0				0	46	0	0	9
10				0	0				12	12	0	1	10
11				0	0				27	7	0	4	11
12	N	N	N	0	0	N	N	N	27	0	0	0	12
13	O	O	O	0	0	O	O	O	32	0	9	0	13
14				0	0				28	0	23	13	14
15				0	0				15	0	67	62	15
16	F	F	F	0	0	F	F	F	49	27	0	63	16
17	L	L	L	0	0	L	L	L	59	80	0	52	17
18	O	O	O	0	0	O	O	O	67	60	64	30	18
19	W	W	W	0	0	W	W	W	93	0	0	23	19
20				66	0				68	5	0	0	20
21				144	88				54	0	3	0	21
22				96	62				51	17	3	0	22
23				68	74				65	32	8	0	23
24				63	122				57	47	0	0	24
25				37	110				37	0	0	28	25
26				0	122				39	0	0	9	26
27				0	118				54	0	0	0	27
28				0	90				58	0	8	0	28
29				0	0				43	0	8	0	29
30				0	0				61	30	6	0	30
31				0	0					44	0	0	31
MEAN				144	122				93	80	67	78	MEAN
MAX.				0	0				0	0	0	0	MAX.
MIN.				1617	1559				1975	853	603	805	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 7412

Table B-30c

OTHER WATER THROUGH LAKESIDE HEADGATE

Point of Diversion: 33 miles below McKay Point on the north branch of Cross Creek (a continuation of St. Johns River) in the NW 1/4, Section 19, T18S, R23E, M08&M.

Maximum Diversion Capacity: 475 cfs.

Location: 0.5 mile below head of ditch in the NE 1/4, Section 24, T18S, R22E, M08&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by current meter measurements. Parshall flume installed February 1966.

Operating Agency: Lakeside Ditch Company.

Gross Service Area: 26,300 acres.

Remarks: These tables show the distribution of the water diverted through Lakeside Headgate.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		OTHER WATER THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	0			0	128				0	8		1
2	0	0			0	91				0	8		2
3	0	0			0	87				0	8		3
4	0	0			0	43				0	8		4
5	0	0			0	32				0	8		5
6		0			0	27				0	21		6
7	0	0			0	24				0	14		7
8	0	0			0	24				0	8		8
9	0	0			0	22				0	8		9
10	0	0			0	19				0	8		10
11	0	0			0	17				0	9		11
12	0	0	N	N	0	14	N	N	N	0	10	N	12
13	0	0	O	O	0	13	O	O	O	91	12	O	13
14	0	0			0	7				7	3		14
15	0	0			0	0				7	0		15
16	0	37	F	F	0	0	F	F	F	18	2	F	16
17	0	62	L	L	0	0	L	L	L	16	0	L	17
18	0	36	O	O	0	0	O	O	O	8	0	O	18
19	0	14	W	W	0	0	W	W	W	7	0	W	19
20	0	0			0	0				8	0		20
21	0	0			0	0				8	0		21
22	0	0			0	0				7	0		22
23	0	0			22	0				21	3		23
24	53	0			29	0				12	0		24
25	53	0			15	0				8	0		25
26	34	0			5	0				8	0		26
27	0	0			201	0				8	0		27
28	0	0			205	0				9	0		28
29	0	0			0	0				20	0		29
30	0	0			0	0				27	0		30
31	0	0			0	0				13	0		31
MEAN													MEAN
MAX.	53	62			205	128				91	21		MAX.
MIN.	0	0			0	0				0	0		MIN.
AC. FT.	278	296			946	1087				601	274		AC. FT.

Total Acre-Feet 3482

Table B-30c (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		OTHER WATER THROUGH LAKSIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0	3	114	1
2										0	0	45	2
3										0	0	20	3
4										0	45	0	4
5										0	6	0	5
6										0	0	0	6
7										0	24	0	7
8										0	0	1	8
9										0	0	0	9
10										0	44	19	10
11										29	53	21	11
12	N	N	N	N	N	N	N	N	N	67	0	9	12
13	O	O	O	O	O	O	O	O	O	68	0	5	13
14										61	0	19	14
15										0	0	11	15
16	F	F	F	F	F	F	F	F	F	0	15	0	16
17	L	L	L	L	L	L	L	L	L	0	47	4	17
18	O	O	O	O	O	O	O	O	O	26	40	0	18
19	W	W	W	W	W	W	W	W	W	5	13	0	19
20										0	36	0	20
21										15	22	0	21
22										0	0	0	22
23										0	17	0	23
24										0	30	0	24
25										0	118	0	25
26										0	0	0	26
27										0	0	0	27
28										24	0	0	28
29										0	0	0	29
30										0	0	0	30
31										0	72	0	31
MEAN										68	118	114	MEAN
MAX.										0	0	0	MAX.
MIN.										585	1160	532	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2277

Table B-30d

ST. JOHNS RIVER WATER RELEASED FROM LAKESIDE STORAGE

Point of Diversion: 33 miles below McKay Point on the north branch of Cross Creek (a continuation of St. Johns River) in the NW 1/4, Section 19, T18S, R23E, MDB&M.

Maximum Diversion Capacity: 475 cfs.

Location: 0.5 mile below head of ditch in the NE 1/4, Section 24, T18S, R22E, MDB&M.

Gage: Open-channel section, staff gage and water-stage recorder rated by current meter measurements. Parshall flume installed February 1966.

Operating Agency: Lakeside Ditch Company.

Gross Service Area: 26,300 acres.

Remarks: These tables show the distribution of the water diverted through Lakeside Headgate.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		ST. JOHNS RIVER WATER RELEASED FROM LAKESIDE STORAGE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	230			1
2									0	265			2
3									0	250			3
4									0	267			4
5									0	262			5
6									0	267			6
7									0	225			7
8									19	190			8
9									70	240			9
10									125	221			10
11									147	181			11
12	N	N	N	N	N	N	N	N	102	86	N	N	12
13	O	O	O	O	O	O	O	O	90	0	O	O	13
14									164	0			14
15									199	0			15
16	F	F	F	F	F	F	F	F	237	0	F	F	16
17	L	L	L	L	L	L	L	L	243	0	L	L	17
18	O	O	O	O	O	O	O	O	249	0	O	O	18
19	W	W	W	W	W	W	W	W	236	0	W	W	19
20									190	0			20
21									194	0			21
22									184	0			22
23									224	0			23
24									252	0			24
25									267	0			25
26									228	0			26
27									187	0			27
28									196	0			28
29									152	0			29
30									215	0			30
31										0			31
MEAN									267	267			MEAN
MAX.									0	0			MAX.
MIN.									8271	5324			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 13595

Table B-30d (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		ST. JOHNS RIVER WATER RELEASED FROM LAKESIDE STORAGE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0	367	150	1
2										0	343	150	2
3										0	392	150	3
4										0	310	140	4
5										0	315	121	5
6										0	307	123	6
7										0	313	138	7
8										204	366	150	8
9										235	355	148	9
10										275	320	150	10
11										270	317	150	11
12	N	N	N	N	N	N	N	N	N	260	349	150	12
13	O	O	O	O	O	O	O	O	O	260	348	150	13
14										260	345	150	14
15										280	356	150	15
16	F	F	F	F	F	F	F	F	F	270	355	148	16
17	L	L	L	L	L	L	L	L	L	332	355	150	17
18	O	O	O	O	O	O	O	O	O	324	300	161	18
19	W	W	W	W	W	W	W	W	W	340	350	139	19
20										275	350	113	20
21										261	350	98	21
22										253	357	98	22
23										250	300	84	23
24										293	300	40	24
25										293	250	0	25
26										317	280	0	26
27										362	253	0	27
28										340	271	0	28
29										328	269	0	29
30										330	254	0	30
31										335	200	0	31
MEAN													MEAN
MAX.										362	367	161	MAX.
MIN.										0	200	0	MIN.
AC. FT.										13779	19551	6349	AC. FT.

Total Acre-Feet 39679

Table B-31

LAKELAND CANAL NO. 2 FOR CORCORAN IRRIGATION DISTRICT

Point of Diversion: 41 miles below McKay Point near the northeast corner of Section 10, T20S, R22E, MDB&M.

Location: Approximately 150 yards south of and below the head of Lakeland Canal No 2.

Gage: Open-channel section without recorder.

Operating Agency: Corcoran Irrigation District.

Period of Record: 1917 to current year.

Remarks: Cross Creek is an extension of St. Johns River. Water can be delivered to the Corcoran Irrigation District via Cross Creek, Lakeland Canal No. 2, and the the Highline Canal from the Kaweah River, St. Johns River, and Kings River. Central Valley Project water is also delivered via Cross Creek.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		LAKELAND CANAL NO. 2 FOR CORCORAN IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

Table B-31 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		LAKELAND CANAL NO. 2 FOR CORCORAN IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		LAKELAND CANAL NO. 2 FOR CORCORAN IRRIGATION DISTRICT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1							0	80	0				1
2							0	124	0				2
3							0	158	0				3
4							0	160	0				4
5							0	167	0				5
6							0	149	71				6
7							0	141	77				7
8							0	142	84				8
9							0	132	53				9
10							0	119	54				10
11							0	135	124				11
12	N	N	N	N	N	N	0	150	103	N	N	N	12
13	O	O	O	O	O	O	0	125	94	O	O	O	13
14							0	125	77				14
15							0	149	23				15
16	F	F	F	F	F	F	0	131	20	F	F	F	16
17	L	L	L	L	L	L	0	147	16	L	L	L	17
18	O	O	O	O	O	O	0	168	28	O	O	O	18
19	W	W	W	W	W	W	0	188	25	W	W	W	19
20							0	187	57				20
21							0	81	39				21
22							0	16	16				22
23							0	18	7				23
24							0	0	8				24
25							0	0	35				25
26							0	0	26				26
27							0	0	38				27
28							0	0	9				28
29							12	20	0				29
30							70	21	0				30
31								0					31
MEAN							70	188	124				MEAN
MAX.							0	0	0				MAX.
MIN.							163	6016	2150				MIN.
AC. FT.													AC. FT.

Total Acre-Feet 8329

Table B-32

TULARE IRRIGATION DISTRICT FROM WUTCHUMNA DITCH

Point of Diversion: 6.5 miles below head of Wutchumna Ditch in the NE 1/4, Section 3, T18S, R26E, MDB&M.

Maximum Diversion Capacity: 200 cfs.

Location: 700 feet below the head of the canal connecting Wutchumna Ditch and Tulare Irrigation District canal in the NE 1/4, Section 3, T18S, R26E, MDB&M.

Gage: Concrete Parshall flume and water-stage recorder.

Operating Agency: Tulare Irrigation District.

Gross Service Area: 75,350 acres.

Period of Record: April 1, 1938 to current year.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		TULARE IRRIGATION DISTRICT FROM WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			0					0	0	8.4			1
2			0					0	0	1.5			2
3			0					0	0	0			3
4			82.1					0	0	0			4
5			77.0					0	0	0			5
6			77.0					0	0	0			6
7			77.0					0	0	0			7
8			74.6					0	0	0			8
9			72.1					0	0	0			9
10			69.7					0	0	0			10
11			69.7					0	0	0			11
12	N	N	68.1	N	N	N	N	0	0	0	N	N	12
13	O	O	25.1	O	O	O	O	3.7	0	0	O	O	13
14			0					36.6	0	0			14
15			0					36.6	0	0			15
16	F	F	0	F	F	F	F	37.2	0	0	F	F	16
17	L	L	0	L	L	L	L	37.2	0	0	L	L	17
18	O	O	0	O	O	O	O	37.8	22.5	0	O	O	18
19	W	W	0	W	W	W	W	13.1	54.4	0	W	W	19
20			0					0	55.2	0			20
21			0					0	52.3	0			21
22			0					0	51.6	0			22
23			0					0	51.6	0			23
24			0					0	51.6	0			24
25			0					0	50.1	0			25
26			0					0	47.4	0			26
27			0					0	44.6	0			27
28			0					0	25.1	0			28
29			0					0	12.6	0			29
30			0					0	8.7	0			30
31			0					0	0	0			31
MEAN			82.1					37.8	55.2	8.4			MEAN
MAX.			0					0	0	0			MAX.
MIN.			1373					401	1047	20			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 2841

Table B-32 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		TULARE IRRIGATION DISTRICT FROM WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													MEAN
MAX.													MAX.
MIN.													MIN.
AC. FT.													AC. FT.

NO DIVERSION FOR THE YEAR

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		TULARE IRRIGATION DISTRICT FROM WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	14.3		0	125.6	91.6	9.1	49.4	65.0	61.9	117.7	84.6	11.8	1
2	13.5		0	124.8	89.9	29.6	53.0	68.1	60.4	96.1	84.6	11.8	2
3	15.2		0	122.6	88.1	29.0	54.4	68.1	61.9	60.4	84.6	11.8	3
4	14.8		0	122.6	85.5	30.2	55.8	55.8	60.4	93.4	84.6	11.8	4
5	13.5		0	83.8	83.8	58.1	51.6	1.7	75.4	93.4	73.7	13.5	5
6													6
7	13.5		0	49.4	80.4	32.5	53.0	1.7	93.4	87.2	61.1	18.5	7
8	13.5		0	55.8	68.4	33.1	50.8	1.3	113.8	82.9	48.7	18.0	8
9	13.1		0	68.9	116.7	30.2	54.4	1.0	129.6	83.8	61.1	109.0	9
10	12.6		0	71.3	107.1	44.6	56.6	.3	139.6	83.8	80.4	108.1	10
11	3.7		0	83.8	126.4	58.8	55.8	2.5	139.6	74.6	77.0	107.1	11
12	0		0	124.8	89.0	56.6	58.1	68.9	138.6	68.9	76.2	107.1	12
13	0	N	0	154.8	93.4	49.4	59.6	11.8	140.6	67.3	79.5	106.2	13
14	0	O	0	150.9	110.9	53.7	59.6	14.8	140.6	65.7	79.5	92.5	14
15	0		0	142.5	101.4	57.4	59.6	13.9	142.5	69.7	58.1	74.6	15
16	0		0	114.8	110.9	58.1	60.4	22.0	142.5	111.9	82.1	58.1	16
17	0	F	0	133.6	110.9	57.4	61.9	15.2	142.5	111.9	67.3	45.3	17
18	0	L	0	139.6	110.9	57.4	57.4	15.2	141.5	110.9	55.8	45.3	18
19	0	O	0	160.0	110.9	58.1	56.6	16.2	140.6	119.6	55.8	45.3	19
20	0	W	0	162.4	110.0	57.4	57.4	16.6	140.6	119.6	56.6	42.6	20
21	0		0	157.6	110.0	57.4	58.1	17.1	141.5	118.7	57.4	28.5	21
22	0		0	163.2	18.5	63.4	58.1	16.6	143.6	119.6	54.4	17.5	22
23	0		0	164.4	0	50.1	58.8	16.6	136.8	118.7	52.3	20.4	23
24	0		0	164.4	0	55.2	60.4	16.6	173.2	118.7	36.2	20.4	24
25	0		0	164.4	0	58.1	61.1	29.6	175.6	102.5	17.1	21.5	25
26	0		0	104.4	0	58.1	67.3	35.0	175.6	91.6	16.6	22.0	26
27	0		0	55.2	0	57.4	67.3	50.1	164.4	89.9	16.6	19.5	27
28	0		23.0	52.3	0	58.8	65.7	55.8	141.5	89.9	13.5	12.2	28
29	0		123.6	52.3	.3	58.1	65.7	56.6	127.6	91.6	13.1	16.6	29
30	0		150.9	52.3		57.4	67.3	55.2	119.6	87.2	12.6	16.2	30
31	0		141.5	76.2		57.4	60.4	55.2	119.6	83.8	12.2	15.7	31
MEAN													MEAN
MAX.	15.2		150.9	164.4	126.4	63.4	67.3	68.9	175.6	119.6	84.6	109.0	MAX.
MIN.	0		0	49.4	0	9.1	49.4	.3	60.4	60.4	11.8	11.8	MIN.
AC. FT.	253.3		1119.9	6931.9	3996.8	3099.0	3482.2	1829.4	7586.9	5781.5	3302.7	2447.2	AC. FT.

Total Acre-Feet 39820.8

Table B-32 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		TULARE IRRIGATION DISTRICT FROM WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	14.3		0	16.2	41.9	16.6	156.8	103.4	53.7	48.7	17.1		1
2	13.5		0	15.7	50.1	26.2	156.8	106.2	44.6	47.4	17.5		2
3	15.2		0	15.7	50.8	58.1	155.6	109	41.9	40	17.1		3
4	14.8		0	15.2	50.8	83.8	145.7	111.9	50.8	31.9	17.1		4
5	13.5		0	14.8	50.8	81.2	123.6	110.9	77	32.5	16.6		5
6	13.5		0	14.8	46.7	80.4	123.6	111.9	88.1	36.8	16.6		6
7	13.5		0	14.3	44	80.4	124.8	116.7	94.3	37.5	16.2		7
8	13.1		0	14.8	44	87.2	124.8	122.6	99.7	38.1	16.2		8
9	12.6		0	15.7	31.4	125.6	137.7	124.8	100.6	25.1	16.2		9
10	3.7		0	7	40.6	149.9	150.9	72.1	102.5	16.2	19.5		10
11	0		0	7.7	40.6	182.4	151.9	108.1	98.8	15.7	27.3		11
12	0	N	0	81.2	41.3	181.6	150.9	103.4	77.8	15.2	26.8	N	12
13	0	O	0	122.6	41.3	195.6	149.9	103.4	55.8	15.7	24.6	O	13
14	0		0	122.6	41.9	206.4	149.9	105.3	50.8	15.2	13.1		14
15	0		0	123.6	41.9	204	149.9	107.1	46	15.7	5.4		15
16	0	F	0	122.6	92.5	140.6	149.9	109	40	15.7	0	F	16
17	0	L	0	121.6	126.4	141.5	165.6	113.8	41.3	16.2	0	L	17
18	0	O	0	82.9	126.4	142.5	171.2	120.6	41.9	16.6	0	O	18
19	0	W	0	39.4	124.8	147.8	166.4	132.8	41.9	17.1	0	W	19
20	0		0	47.4	94.3	151.9	160	146.7	41.3	18.5	0		20
21	0		0	47.4	81.2	154.8	144.6	146.7	40	19	0		21
22	0		0	48	91.6	157.6	124.8	145.7	40.6	19	0		22
23	0		4.0	44	102.5	155.6	119.6	133.6	40.6	18.5	0		23
24	0		15.2	36.8	105.3	154.8	118.7	127.6	40	19	0		24
25	0		15.7	33.7	23.5	88.1	119.6	125.6	41.3	19	0		25
26	0		15.7	34.3	4.5	88.1	116.7	109	26.2	19	0		26
27	0		15.2	33.7	4.3	90.7	99.7	98.8	41.9	19	0		27
28	0		15.2	35	4.3	95.2	99.7	99.7	46.7	18.5	0		28
29	0		15.2	35		92.5	101.4	99.7	45.3	18.5	0		29
30	0		15.7	34.3		127.6	100.6	90.7	48	18	0		30
31	0		15.7	35		156.8		72.1		16.6	0		31
MEAN	15.2		15.7	123.6	126.4	206.4	171.2	146.7	102.5	48.7	27.3		MEAN
MAX.	0		0	7	4.3	16.6	99.7	72.1	26.2	15.2	0		MAX.
MIN.	253		253	2842	3252	7628	8155	6920	3371	1428	530		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 34632

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		TULARE IRRIGATION DISTRICT FROM WUTCHUMNA DITCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0	145.7	63.4	144.6	4.0	157.6	171.2	127.6	15.7	1
2				0	156.8	63.4	145.7	56.6	139.6	168.8	127.6	15.2	2
3				0	173.2	69.7	145.7	164.4	100.6	164.4	127.6	15.2	3
4				0	173.2	64.2	146.7	164.4	100.6	138.6	126.4	15.2	4
5				0	173.2	62.7	147.8	163.2	100.6	104.4	122.6	15.7	5
6				0	172.4	50.1	149.9	156.8	100.6	104.4	106.2	15.7	6
7				0	161.2	56.6	148.8	66.5	100.6	97.9	83.8	15.2	7
8				0	164.4	56.6	146.7	37.5	100.6	94.3	82.1	15.2	8
9				0	160.0	58.8	145.7	157.6	99.7	81.2	82.1	15.2	9
10				20.4	161.2	63.4	146.7	157.6	100.6	74.6	80.4	15.2	10
11				130.4	160.0	61.9	146.7	157.6	102.5	98.8	79.5	15.2	11
12	N	N	N	141.5	162.4	61.1	145.7	156.8	102.5	128.8	79.5	15.2	12
13	O	O	O	148.8	159.2	60.4	146.7	157.6	102.5	128.8	79.5	15.2	13
14				154.8	156.8	65.0	146.7	157.6	103.4	127.6	79.5	15.2	14
15				150.9	156.8	62.7	147.8	157.6	103.4	126.4	73.7	15.2	15
16	F	F	F	148.8	164.4	62.7	138.6	157.6	104.4	127.6	52.3	13.9	16
17	L	L	L	149.9	171.2	62.7	129.6	157.6	104.4	128.8	34.3	13.5	17
18	O	O	O	147.8	171.2	64.2	131.6	160.0	106.2	129.6	33.1	7.0	18
19	W	W	W	138.8	176.8	64.2	129.6	156.8	107.1	130.4	31.9	.4	19
20				138.8	165.6	64.2	128.8	153.0	110.0	129.6	31.9	.3	20
21				137.7	144.6	64.2	129.6	153.0	120.6	130.4	31.9	.3	21
22				134.7	144.6	64.2	131.6	154.8	138.6	130.4	30.8	.3	22
23				25.1	124.8	89.9	132.8	155.6	138.6	128.8	30.8	0	23
24				174.4	63.4	148.8	132.8	154.8	138.6	127.6	31.9	0	24
25				175.6	62.7	144.6	132.8	155.6	138.6	126.4	31.9	0	25
26				163.2	63.4	144.6	131.6	155.6	148.8	127.6	30.2	0	26
27				161.2	63.4	145.7	130.4	154.8	165.6	130.4	24.1	0	27
28				157.6	63.4	145.7	130.4	153.0	167.6	131.6	15.7	0	28
29				150.9	63.4	145.7	130.4	154.8	170.0	126.4	16.6	0	29
30				146.7		145.7	40.0	155.6	170.0	125.6	16.2	0	30
31				150.9		144.6		155.6		126.4	15.7	0	31
MEAN				175.6	176.8	148.8	149.9	164.4	170.0	171.2	134.7	15.7	MEAN
MAX.				0	62.7	50.1	40.0	4.0	99.7	74.6	15.7	0	MAX.
MIN.				6047.5	8091.5	5200.1	8097.6	8735.3	7228.9	7671.8	3803.2	526.0	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 55402

Table B-33

KAWEAH RIVER WATER IN CROSS CREEK BELOW KANSAS AVENUE

Location: Southeast of the north corner of Section 10, T20S, R22E, MOB&M.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		KAWEAH RIVER WATER IN CROSS CREEK BELOW KANSAS AVENUE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	Partly estimated.				0	0	0						1
2					0	0	0						2
3					0	0	0						3
4					0	0	0						4
5					0	0	0						5
6					0	105	0						6
7					0	251	0						7
8					0	137	0						8
9					0	0	3						9
10					40	0	0						10
11					300	0	0						11
12	N	N	N	N	250	0	0	N	N	N	N	N	12
13	O	O	O	O	150	0	0	O	O	O	O	O	13
14					120	0	0						14
15					245	0	0						15
16	F	F	F	F	100	0	0	F	F	F	F	F	16
17	L	L	L	L	40	0	12	L	L	L	L	L	17
18	O	O	O	O	20	0	7	O	O	O	O	O	18
19	W	W	W	W	0	0	0	W	W	W	W	W	19
20					0	3	0						20
21					0	32	0						21
22					0	0	0						22
23					0	0	0						23
24					0	0	0						24
25					0	0	0						25
26					0	0	0						26
27					0	0	0						27
28					0	0	0						28
29					0	0	0						29
30					0	0	0						30
31					0	0	0						31
MEAN					300	251	12						MEAN
MAX.					0	0	0						MAX.
MIN.					2509	1047	44						MIN.
AC. FT.													AC. FT.

Total Acre-Feet 3600

Table B-34

CENTRAL VALLEY PROJECT WATER TO TULARE
IRRIGATION DISTRICT AT FRIANT-KERN CANAL

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, MDB&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner Section 12, T18S, R26E.

Remarks: Tables B-34 through B-34c show Central Valley Project water delivered to Tulare Irrigation District.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT FRIANT-KERN CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0				0	449			1
2					0				0	435			2
3					0				0	432			3
4					0				0	421			4
5					0				0	415			5
6					0				0	414			6
7					91.7				0	412			7
8					225				0	444			8
9					380				0	465			9
10					316				0	465			10
11					304				0	56			11
12	N	N	N	N	306	N	N	N	0	0	N	N	12
13	O	O	O	O	304	O	O	O	0	0	O	O	13
14					304				0	0			14
15					306				0	0			15
16	F	F	F	F	304	F	F	F	0	0	F	F	16
17	L	L	L	L	362	L	L	L	216	0	L	L	17
18	O	O	O	O	416	O	O	O	299	0	O	O	18
19	W	W	W	W	427	W	W	W	344	0	W	W	19
20					427				351	0			20
21					430				351	0			21
22					430				351	0			22
23					430				380	0			23
24					430				416	0			24
25					424				424	0			25
26					473				404	0			26
27					473				381	0			27
28					473				415	0			28
29					130				432	0			29
30									450	0			30
31										0			31
MEAN					473				450	465			MEAN
MAX.					0				0	0			MAX.
MIN.					16195				10342	8744			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 35281

Table B-34 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT FRIAMT-KERN CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0				0	154	239	234	1
2					0				0	153	240	232	2
3					182				0	153	240	229	3
4					253				0	156	240	231	4
5					254				0	158	240	235	5
6					253				0	156	239	370	6
7					253				0	180	238	413	7
8					153				0	200	237	331	8
9					0				0	202	237	308	9
10					0				0	204	237	277	10
11					0				0	200	237	263	11
12	N	N	N	N	0	N	N	N	0	200	236	263	12
13	O	O	O	O	C	O	O	O	0	200	235	261	13
14					0				0	200	235	260	14
15					0				0	200	235	255	15
16	F	F	F	F	0	F	F	F	0	202	233	255	16
17	L	L	L	L	0	L	L	L	0	202	233	255	17
18	O	O	O	O	0	O	O	O	0	200	234	253	18
19	W	W	W	W	0	W	W	W	0	202	235	253	19
20					0				0	202	235	280	20
21					68				100	200	235	293	21
22					134				183	202	235	293	22
23					139				151	200	235	293	23
24					178				150	202	235	293	24
25					182				152	202	235	293	25
26					167				156	213	233	293	26
27					139				156	227	233	293	27
28					0				156	231	235	293	28
29									156	235	233	289	29
30									154	239	235	302	30
31										239	235		31
MEAN					254				183	239	240	413	MEAN
MAX.					0				0	153	233	229	MAX.
MIN.					4672				3003	12127	14508	16648	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 50958

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT FRIAMT-KERN CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	306	323			0	583	212	275	0	475	81		1
2	308	323			0	486	214	275	79	480	81		2
3	323	323			190	404	220	275	394	480	81		3
4	332	323			359	343	242	232	509	479	80		4
5	334	323			448	336	252	222	513	480	80		5
6	336	323			415	330	200	222	448	475	80		6
7	336	0			397	325	174	222	428	478	80		7
8	334	0			402	325	174	277	478	480	178		8
9	334	0			433	357	174	325	476	480	283		9
10	334	0			450	351	172	325	475	398	379		10
11	365	75			450	310	193	325	475	182	480		11
12	394	0	N	N	408	340	195	325	478	83	481	N	12
13	386	0	O	O	408	388	197	325	480	83	480	O	13
14	383	0			404	436	195	332	480	82	369		14
15	384	0			408	481	195	319	480	82	222		15
16	384	0		F	408	496	199	319	480	82	0	F	16
17	388	0	L	L	407	457	231	322	480	84	0	L	17
18	382	0	O	O	407	425	267	336	480	85	0	O	18
19	382	0	W	W	418	420	273	369	480	83	0	W	19
20	385	0			446	421	316	380	475	81	0		20
21	380	0			454	424	358	377	478	81	0		21
22	382	0			450	427	368	380	475	81	0		22
23	345	0			452	369	365	164	472	81	0		23
24	325	0			450	354	359	0	475	81	0		24
25	334	0			532	356	310	0	479	81	0		25
26	329	0			573	356	318	0	483	81	0		26
27	332	0			576	328	318	0	480	81	0		27
28	332	0			526	292	321	0	478	81	0		28
29	343	0				262	310	0	478	81	0		29
30	327	0				232	323	0	475	81	0		30
31	325					212				81	0		31
MEAN					576	583	368	380	513	480	481		MEAN
MAX.	394	323			0	212	172	0	0	81	0		MAX.
MIN.	21369	3995			22361	23138	15166	13732	26502	12944	6815		MIN.
AC. FT.													AC. FT.

Total Acre-Feet 146222

Table B-34 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT FRIANT-KERN CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1						0	403	230	0	0	461	343	1
2						0	400	62	0	0	488	328	2
3						0	400	0	0	0	488	325	3
4						0	439	0	0	0	493	342	4
5						0	451	0	0	0	491	345	5
6						0	452	0	0	0	517	340	6
7						0	447	97	0	0	540	307	7
8						0	447	58	0	101	538	269	8
9						0	416	0	0	202	535	232	9
10						0	414	0	0	199	540	192	10
11						0	424	0	0	199	538	176	11
12	N	N	N	N	N	0	424	0	0	195	538	160	12
13	O	O	O	O	O	0	430	0	0	246	535	128	13
14						0	430	0	0	272	535	122	14
15						0	430	0	0	271	538	122	15
16	F	F	F	F	F	0	465	0	41	316	535	123	16
17	L	L	L	L	L	0	495	0	165	365	535	254	17
18	O	O	O	O	O	0	350	0	306	403	535	420	18
19	W	W	W	W	W	0	102	0	354	433	532	417	19
20						0	0	0	356	432	532	414	20
21						0	0	0	353	432	532	414	21
22						0	0	0	159	464	535	414	22
23						0	0	0	0	493	535	412	23
24						0	83	0	61	496	535	412	24
25						0	200	0	118	496	535	394	25
26						200	200	0	78	496	535	386	26
27						400	192	0	52	491	517	384	27
28						403	200	0	25	492	495	382	28
29						407	200	0	0	490	493	384	29
30						407	287	0	0	463	496	384	30
31						402		0		440	377		31
MEAN						407	495	230	356	496	540	420	MEAN
MAX.						0	0	0	0	0	377	122	MAX.
MIN.						4402	18214	886	4107	17635	31792	18497	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 95533

Table B-34 a

CENTRAL VALLEY PROJECT WATER TO TULARE
IRRIGATION DISTRICT AT ST. JOHNS RIVER

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, MUB&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-34 through B-34c show Central Valley Project water delivered to Tulare Irrigation District.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	75	122	143	1
2									0	75	97	143	2
3									0	75	52	143	3
4									0	75	52	143	4
5									0	75	109	178	5
6									0	75	147	196	6
7									0	75	121	207	7
8									0	75	71	250	8
9									0	75	47	267	9
10									0	75	57	267	10
11									0	75	67	267	11
12	N	N	N	N	N	N	N	N	0	75	142	267	12
13	O	O	O	O	O	O	O	O	0	75	216	267	13
14									0	75	216	267	14
15									0	75	167	267	15
16									0	75	142	267	16
17	F	F	F	F	F	F	F	F	89	75	167	267	17
18	L	L	L	L	L	L	L	L	176	75	167	267	18
19	O	O	O	O	O	O	O	O	176	62	167	267	19
20	W	W	W	W	W	W	W	W	176	50	167	267	20
21									176	75	167	267	21
22									153	132	167	267	22
23									125	165	167	267	23
24									125	113	167	267	24
25									125	48	167	267	25
26									125	32	192	267	26
27									125	32	217	267	27
28									125	42	217	267	28
29									125	102	180	267	29
30									92	173	142	267	30
31										155	142		31
MEAN									176	173	217	267	MEAN
MAX.									0	32	47	143	MAX.
MIN.									3794	5050	8764	14433	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 32011

Table B-34a (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	267	0			0	0	100	70	0				1
2	267	0			0	0	45	70	0				2
3	267	0			0	0	45	70	0				3
4	232	0			0	0	45	70	35				4
5	192	0			0	0	47	70	35				5
6	192	0			0	0	63	70	0				6
7	192	0			0	0	70	70	0				7
8	192	0			0	0	70	70	0				8
9	192	0			0	0	70	70	70				9
10	192	0			0	0	70	35	140				10
11	192	43			0	0	70	0	90				11
12	192	0	N	N	0	0	70	0	20	N	N	N	12
13	192	0	O	O	0	0	70	0	0	O	O	O	13
14	192	0			0	0	70	0	0				14
15	192	0			33	0	70	0	0				15
16	192	0	F	F	66	0	47	0	0	F	F	F	16
17	192	0	L	L	75	0	0	0	0	L	L	L	17
18	192	0	O	O	100	0	0	0	0	O	O	O	18
19	192	0	W	W	125	0	0	0	0	W	W	W	19
20	192	0			125	0	0	0	0				20
21	192	0			125	0	0	0	0				21
22	114	0			125	0	0	0	0				22
23	21	0			125	0	0	0	0				23
24	0	0			125	0	0	0	0				24
25	0	0			125	0	0	0	0				25
26	0	0			260	0	35	0	0				26
27	0	0			315	33	45	0	0				27
28	0	0			79	50	45	0	0				28
29	0	0				50	67	0	0				29
30	0	0				77	70	0	0				30
31	0	0				225		0	0				31
MEAN													MEAN
MAX.	267	43			315	225	100	70	140				MAX.
MIN.	0	0			0	0	0	0	0				MIN.
AC. FT.	8796	87			3577	862	2546	1320	773				AC. FT.

Total Acre-Feet 17961

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	0	200	0	745			50	1
2					0	0	200	0	745		0	100	2
3					0	0	237	0	745		85	100	3
4					0	0	312	0	745		85	100	4
5					0	0	350	0	599		85	100	5
6					0	0	350	0	375		85	100	6
7					0	0	350	0	225		85	100	7
8					0	0	350	0	150		210	150	8
9					0	0	278	0	150		422	200	9
10					0	0	175	0	75		510	150	10
11					0	0	100	0	0		423	50	11
12	N	N	N	N	0	0	50	0	0	N	360	0	12
13	O	O	O	O	0	0	50	0	0	O	385	0	13
14					0	0	50	0	0		385	0	14
15					100	0	50	0	0		385	0	15
16	F	F	F	F	29	0	50	100	0	F	489	0	16
17	L	L	L	L	0	0	50	200	200	L	535	0	17
18	O	O	O	O	0	0	25	200	400	O	435	0	18
19	W	W	W	W	0	0	0	200	400	W	385	0	19
20					0	0	0	200	400		385	0	20
21					0	0	0	100	204		385	0	21
22					0	0	0	0	0		385	0	22
23					0	0	75	18	0		385	0	23
24					0	0	297	142	0		385	0	24
25					0	0	450	375	0		335	0	25
26					0	50	450	575	0		220	0	26
27					0	146	431	650	0		77	0	27
28					0	200	450	670	0		0	0	28
29						200	325	718	0		0	0	29
30						200	100	745	0		0	0	30
31						200		745	0		0	0	31
MEAN													MEAN
MAX.					100	200	450	745	745		512	200	MAX.
MIN.					0	0	0	0	0		0	0	MIN.
AC. FT.					255	1580	11515	11184	12214		15770	2379	AC. FT.

Total Acre-Feet 54897

Table B-34b

CENTRAL VALLEY PROJECT WATER TO TULARE
IRRIGATION DISTRICT AT LOWER KAWEAH RIVER

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, MDB&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-34 through B-34c show Central Valley Project water delivered to Tulare Irrigation District.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1976		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0								1
2					0								2
3					0								3
4					0								4
5					0								5
6					0								6
7					0								7
8					0								8
9					0								9
10					0								10
11					0								11
12	N	N	N	N	0	N	N	N	N	N	N	N	12
13	O	O	O	O	0	O	O	O	O	O	O	O	13
14					0								14
15					0								15
16	F	F	F	F	0	F	F	F	F	F	F	F	16
17	L	L	L	L	0	L	L	L	L	L	L	L	17
18	O	O	O	O	0	O	O	O	O	O	O	O	18
19	W	W	W	W	0	W	W	W	W	W	W	W	19
20					99.8								20
21					152								21
22					152								22
23					151								23
24					151								24
25					51.9								25
26					0								26
27					0								27
28					0								28
29					0								29
30													30
31													31
MEAN					152								MEAN
MAX.					0								MAX.
MIN.					1501								MIN.
AC. FT.													AC. FT.

Total Acre-Feet 1501

Table B-34b (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1									0	375	95	88	1
2									0	500	70	221	2
3									0	575	45	325	3
4									0	575	45	325	4
5									0	475	82	325	5
6									0	325	120	325	6
7									0	275	94	325	7
8									0	275	70	325	8
9									0	250	60	325	9
10									0	175	50	325	10
11									0	86	50	325	11
12	N	N	N	N	N	N	N	N	0	50	50	325	12
13	O	O	O	O	O	O	O	O	0	50	50	325	13
14									0	50	50	325	14
15									0	141	50	325	15
16	F	F	F	F	F	F	F	F	0	225	50	325	16
17	L	L	L	L	L	L	L	L	0	173	50	325	17
18	O	O	O	O	O	O	O	O	0	78	50	325	18
19	W	W	W	W	W	W	W	W	0	35	100	325	19
20									0	35	187	325	20
21									0	35	225	325	21
22									0	35	225	325	22
23									0	35	225	325	23
24									0	35	225	325	24
25									0	35	275	325	25
26									0	35	397	325	26
27									50	35	475	325	27
28									100	35	379	325	28
29									125	65	275	325	29
30									238	94	200	325	30
31										94	81	325	31
MEAN									238	575	475	325	MEAN
MAX.									0	35	45	88	MAX.
MIN.									1017	10425	8723	18673	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 38838

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT TO TULARE IRRIGATION DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	325	0			0	0	150	415	0	340			1
2	325	0			0	0	150	427	50	340			2
3	325	0			0	0	227	435	150	340			3
4	359	0			0	0	265	435	200	340			4
5	400	0			0	0	265	435	100	156			5
6	400	0			0	0	332	435	0	0			6
7	400	0			0	0	365	435	0	0			7
8	400	0			30	0	365	335	16	0			8
9	400	0			88	0	365	235	31	0			9
10	400	0			125	0	365	117	81	0			10
11	375	83			95	0	365	0	131	0			11
12	350	0	N	N	32	0	365	0	114	0	N	N	12
13	350	0	O	O	0	0	365	0	74	0	O	O	13
14	350	0			0	0	365	0	51	0			14
15	350	0			48	0	365	0	85	0			15
16	350	0	F	F	129	0	276	0	205	0	F	F	16
17	350	0	L	L	175	0	100	0	290	0	L	L	17
18	350	0	O	O	175	0	100	0	290	0	O	O	18
19	350	0	W	W	175	0	100	0	315	0	W	W	19
20	350	0			175	0	100	0	340	0			20
21	350	0			175	0	100	0	340	0			21
22	275	0			175	50	100	0	340	0			22
23	100	0			175	100	125	0	340	0			23
24	0	0			175	167	150	0	340	0			24
25	0	0			215	200	282	0	340	0			25
26	0	0			235	167	415	0	340	0			26
27	0	0			235	150	391	0	340	0			27
28	0	0			117	150	391	0	340	0			28
29	0	0				150	398	0	340	0			29
30	0	0				150	415	0	340	0			30
31	0	0				150		0	0	0			31
MEAN									400	83			MEAN
MAX.	400	83			235	200	415	435	340	340			MAX.
MIN.	0	0			0	0	100	0	0	0			MIN.
AC. FT.	15833	164			5451	2846	16098	7347	11743	3005			AC. FT.

Total Acre-Feet 62487

Table B-34b (Cont'd)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT AT LOWER KAWAHEM RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0	0	200	0	650		0	50	1
2					0	0	200	0	650		110	150	2
3					0	0	200	0	650		220	200	3
4					0	0	274	0	650		220	200	4
5					0	0	350	0	550		220	200	5
6					0	0	350	0	375		220	200	6
7					0	0	350	0	225		220	200	7
8					0	0	350	0	150		220	300	8
9					0	0	274	0	150		308	400	9
10					0	0	175	0	75		395	300	10
11					0	0	100	0	0		308	100	11
12	N	N	N	N	0	0	50	0	0	N	245	0	12
13	O	O	O	O	0	0	50	0	0	O	270	0	13
14					0	0	50	0	0		270	0	14
15					100	0	50	0	0		270	0	15
16	F	F	F	F	33	0	50	100	0	F	364	0	16
17	L	L	L	L	0	0	50	200	38	L	500	32	17
18	O	O	O	O	0	0	25	200	75	O	600	65	18
19	W	W	W	W	0	0	0	200	75	W	650	65	19
20					0	0	0	200	75		650	65	20
21					0	0	0	100	39		650	65	21
22					0	0	0	0	0		650	65	22
23					0	0	75	18	0		650	65	23
24					0	0	288	138	0		650	65	24
25					0	0	450	370	0		600	65	25
26					0	0	450	571	0		410	65	26
27					0	50	431	650	0		135	65	27
28					0	150	450	650	0		0	65	28
29						200	330	650	0		0	32	29
30						200	100	650	0		0	0	30
31						200		650			0		31
MEAN					100	200	450	650	650		650	400	MEAN
MAX.					0	0	0	0	0		0	0	MAX.
MIN.					263	1588	11353	10607	8781		19842	6108	MIN.
AC. FT.													AC. FT.

Total Acre-Feet 58542

Table B-34c

CENTRAL VALLEY PROJECT WATER TO TULARE
IRRIGATION DISTRICT THROUGH LAKESIDE HEADGATE

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, M08&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-34 through B-34c show Central Valley Project water delivered to Tulare Irrigation District.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		CENTRAL VALLEY PROJECT WATER TO TULARE IRRIGATION DISTRICT THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1								0	124				1
2								0	150				2
3								0	137				3
4								0	145				4
5								0	0				5
6								0	0				6
7								0	0				7
8								0	0				8
9								0	0				9
10								0	0				10
11								0	0				11
12	N	N	N	N	N	N	N	0	0	N	N	N	12
13	O	O	O	O	O	O	O	0	0	O	O	O	13
14								0	0				14
15								0	0				15
16	F	F	F	F	F	F	F	0	0	F	F	F	16
17	L	L	L	L	L	L	L	0	0	L	L	L	17
18	O	O	O	O	O	O	O	0	0	O	O	O	18
19	W	W	W	W	W	W	W	0	0	W	W	W	19
20								0	0				20
21								0	0				21
22								0	0				22
23								0	0				23
24								0	0				24
25								85	0				25
26								160	0				26
27								133	0				27
28								78	0				28
29								115	0				29
30								127	0				30
31								124					31
MEAN								160	150				MEAN
MAX.								0	0				MAX.
MIN.								0	0				MIN.
AC. FT.								1631	1103				AC. FT.

Total Acre-Feet 2734

Table B-35

CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA
WATER CONSERVATION DISTRICT AT ST. JOHNS RIVER

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, M08&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-35 through B-35c show Central Valley Project water delivered to Kaweah Delta Water Conservation District.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1977		CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0	4.5						The USBR dewatered the Friant-Kern Canal and released these amounts in the St. Johns River.				1
2		0	13.1										2
3		0	9.0										3
4		0	5.5										4
5		0	2.0										5
6		0	0										6
7		0	0										7
8		0	0										8
9		0	0										9
10		0	0										10
11		0	0										11
12	N	0	0	N	N	N	N	N	N	N	N	N	12
13	O	0	0	O	O	O	O	O	O	O	O	O	13
14		0	0										14
15		0	0										15
16	F	0	0	F	F	F	F	F	F	F	F	F	16
17	L	0	0	L	L	L	L	L	L	L	L	L	17
18	O	0	0	O	O	O	O	O	O	O	O	O	18
19	W	0	0	W	W	W	W	W	W	W	W	W	19
20		0	0										20
21		0	0										21
22		0	0										22
23		0	0										23
24		0	0										24
25		0	0										25
26		0	0										26
27		0	0										27
28		0	0										28
29		0	0										29
30		20.7	0										30
31		0	0										31
MEAN													MEAN
MAX.		20.7	13.1										MAX.
MIN.		0	0										MIN.
AC. FT.		41	68										AC. FT.

Total Acre-Feet 109

Table B-35 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	175					0						1
2	0	175					0						2
3	0	175					0						3
4	0	175					0						4
5	0	175					0						5
6	0	175					0						6
7	0	175					0						7
8	0	175					0						8
9	0	175					0						9
10	0	175					0						10
11	0	82					0						11
12	0	0	N	N	N	N	0	N	N	N	N	N	12
13	0	0	O	O	O	O	0	O	O	O	O	O	13
14	0	0					0						14
15	0	0					0						15
16	0	0	F	F	F	F	23	F	F	F	F	F	16
17	0	0	L	L	L	L	70	L	L	L	L	L	17
18	0	0	O	O	O	O	70	O	O	O	O	O	18
19	0	0	W	W	W	W	70	W	W	W	W	W	19
20	0	0					70						20
21	0	0					70						21
22	0	0					70						22
23	0	0					70						23
24	0	0					13						24
25	0	0					0						25
26	0	0					0						26
27	0	0					0						27
28	13	0					0						28
29	26	0					0						29
30	125	0					0						30
31	175												31
MEAN													MEAN
MAX.	175	175					70						MAX.
MIN.	0	0					0						MIN.
AC. FT.	672	3632					1045						AC. FT.

Total Acre-Feet 5349

Table B-35a

CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA
WATER CONSERVATION DISTRICT AT LOWER KAWEAH RIVER

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, MUB&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-35 through B-35c show Central Valley Project water delivered to Kaweah Delta Water Conservation District.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	350					0						1
2	0	350					0						2
3	0	350					0						3
4	0	350					0						4
5	0	350					0						5
6	0	350					0						6
7	0	317					0						7
8	0	300					0						8
9	0	300					0						9
10	0	300					0						10
11	0	143					0						11
12	0	0	N	N	N	N	0	N	N	N	N	N	12
13	0	0	O	O	O	O	0	O	O	O	O	O	13
14	0	0					0						14
15	0	0					0						15
16	0	0	F	F	F	F	88	F	F	F	F	F	16
17	0	0	L	L	L	L	265	L	L	L	L	L	17
18	0	0	O	O	O	O	265	O	O	O	O	O	18
19	0	0	W	W	W	W	265	W	W	W	W	W	19
20	0	0					265						20
21	0	0					265						21
22	0	0					265						22
23	0	0					265						23
24	0	0					49						24
25	0	0					0						25
26	0	0					0						26
27	0	0					0						27
28	0	0					0						28
29	0	0					0						29
30	233	0					0						30
31	350												31
MEAN													MEAN
MAX.	350	350					265						MAX.
MIN.	0	0					0						MIN.
AC. FT.	1157	6861					3955						AC. FT.

Total Acre-Feet 11973

Table B-35b
 CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA
 WATER CONSERVATION DISTRICT AT FRIANT-KERN CANAL

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, M00&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-35 through B-35c show Central Valley Project water delivered to Kaweah Delta Water Conservation District.

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT AT FRIANT-KERN CANAL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0												1
2	0												2
3	0												3
4	0												4
5	0												5
6	0												6
7	308												7
8	300												8
9	300												9
10	300												10
11	142												11
12	0	N	N	N	N	N	N	N	N	N	N	N	12
13	0	O	O	O	O	O	O	O	O	O	O	O	13
14	0												14
15	0												15
16	0	F	F	F	F	F	F	F	F	F	F	F	16
17	0	L	L	L	L	L	L	L	L	L	L	L	17
18	0	O	O	O	O	O	O	O	O	O	O	O	18
19	0	W	W	W	W	W	W	W	W	W	W	W	19
20	0												20
21	0												21
22	0												22
23	0												23
24	0												24
25	0												25
26	0												26
27	0												27
28	0												28
29	0												29
30	0												30
31	0												31
MEAN													MEAN
MAX.	308												MAX.
MIN.	0												MIN.
AC. FT.	2678												AC. FT.

Total Acre-Feet 2678

Table B-35c

CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA
WATER CONSERVATION DISTRICT THROUGH LAKESIDE HEADGATE

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, MDB&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-35 through B-35c show Central Valley Project water delivered to Kaweah Delta Water Conservation District.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO KAWEAH DELTA WATER CONSERVATION DISTRICT THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0						0						1
2	0						0						2
3	0						0						3
4	0						0						4
5	0						0						5
6	0						0						6
7	0						0						7
8	0						0						8
9	0						0						9
10	0						0						10
11	0						0						11
12	0	N	N	N	N	N	0	N	N	N	N	N	12
13	0	O	O	O	O	O	0	O	O	O	O	O	13
14	0						0						14
15	0						0						15
16	30	F	F	F	F	F	0	F	F	F	F	F	16
17	38	L	L	L	L	L	0	L	L	L	L	L	17
18	16	O	O	O	O	O	0	O	O	O	O	O	18
19	27	W	W	W	W	W	1	W	W	W	W	W	19
20	61						9						20
21	60						5						21
22	55						5						22
23	43						13						23
24	21						0						24
25	0						0						25
26	0						0						26
27	0						13						27
28	0						0						28
29	0						19						29
30	0						26						30
31	0												31
MEAN							26						MEAN
MAX.	60						0						MAX.
MIN.	0						0						MIN.
AC. FT.	696						180						AC. FT.

Total Acre-Feet 876

Table B-36

CENTRAL VALLEY PROJECT WATER TO LAKESIDE
IRRIGATION WATER DISTRICT AT ST. JOHNS RIVER

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, M08&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-36 and B-36a show Central Valley Project water delivered to Lakeside Irrigation District.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO LAKESIDE IRRIGATION WATER DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0								1
2					0								2
3					0								3
4					0								4
5					0								5
6					0								6
7					0								7
8					0								8
9					0								9
10					0								10
11					0								11
12	N	N	N	N	75	N	N	N	N	N	N	N	12
13	O	O	O	O	150	O	O	O	O	O	O	O	13
14					150								14
15					217								15
16	F	F	F	F	250	F	F	F	F	F	F	F	16
17	L	L	L	L	250	L	L	L	L	L	L	L	17
18	O	O	O	O	250	O	O	O	O	O	O	O	18
19	W	W	W	W	227	W	W	W	W	W	W	W	19
20					215								20
21					215								21
22					198								22
23					190								23
24					190								24
25					190								25
26					56								26
27					0								27
28					0								28
29													29
30													30
31													31
MEAN													MEAN
MAX.					250								MAX.
MIN.					0								MIN.
AC. FT.					5600								AC. FT.

Total Acre-Feet 5600

Table B-36a

CENTRAL VALLEY PROJECT WATER TO LAKESIDE
IRRIGATION WATER DISTRICT THROUGH LAKESIDE HEADGATE

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E, M08&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Lower Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-36 and B-36a show Central Valley Project water delivered to Lakeside Irrigation District.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO LAKESIDE IRRIGATION WATER DISTRICT THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0								1
2					0								2
3					0								3
4					0								4
5					0								5
6					0								6
7					0								7
8					0								8
9					0								9
10					0								10
11					0								11
12	N	N	N	N	0	N	N	N	N	N	N	N	12
13	O	O	O	O	74	O	O	O	O	O	O	O	13
14					74								14
15					110								15
16	F	F	F	F	199	F	F	F	F	F	F	F	16
17	L	L	L	L	186	L	L	L	L	L	L	L	17
18	O	O	O	O	210	O	O	O	O	O	O	O	18
19	W	W	W	W	229	W	W	W	W	W	W	W	19
20					211								20
21					208								21
22					207								22
23					215								23
24					190								24
25					190								25
26					190								26
27					0								27
28					0								28
29													29
30													30
31													31
MEAN					229								MEAN
MAX.					0								MAX.
MIN.					4945								MIN.
AC. FT.													AC. FT.

Total Acre-Feet 4945

Table B-37

CENTRAL VALLEY PROJECT WATER TO KINGS
COUNTY WATER DISTRICT AT ST. JOHNS RIVER

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E. MDB&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-37 through B-37d show Central Valley Project water delivered to Kings County Water District.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		CENTRAL VALLEY PROJECT WATER TO KINGS COUNTY WATER DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1												0	1
2												0	2
3												0	3
4												0	4
5												0	5
6												0	6
7												0	7
8												0	8
9												0	9
10												0	10
11												0	11
12	N	N	N	N	N	N	N	N	N	N	N	0	12
13	O	O	O	O	O	O	O	O	O	O	O	0	13
14												0	14
15												0	15
16	F	F	F	F	F	F	F	F	F	F	F	0	16
17	L	L	L	L	L	L	L	L	L	L	L	0	17
18	O	O	O	O	O	O	O	O	O	O	O	0	18
19	W	W	W	W	W	W	W	W	W	W	W	33	19
20												50	20
21												50	21
22												50	22
23												50	23
24												33	24
25												10	25
26												0	26
27												0	27
28												0	28
29												0	29
30												0	30
31												0	31
MEAN												50	MEAN
MAX.												0	MAX.
MIN.												0	MIN.
AC. FT.												546	AC. FT.

Total Acre-Feet 546

Table B-37 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO KINGS COUNTY WATER DISTRICT AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0	200			0	0	145	119					1
2	0	200			0	0	225	88					2
3	0	200			0	0	225	80					3
4	0	233			0	0	225	80					4
5	0	250			100	0	225	80					5
6	0	250			215	0	225	80					6
7	62	250			250	0	250	80					7
8	125	250			310	0	375	80					8
9	125	250			387	0	375	80					9
10	125	86			425	0	375	80					10
11	125	92			375	0	278	80					11
12	135	275	N	N	162	0	225	80	N	N	N	N	12
13	140	275	O	O	0	0	225	80	O	O	O	O	13
14	140	242			0	0	225	80					14
15	140	69			0	0	60	80					15
16	160	0	F	F	0	0	0	80	F	F	F	F	16
17	170	0	L	L	0	0	0	80	L	L	L	L	17
18	137	0	O	O	0	0	0	80	O	O	O	O	18
19	87	0	W	W	0	0	0	65	W	W	W	W	19
20	70	0			0	0	0	0					20
21	102	0			0	0	0	0					21
22	107	0			0	0	0	0					22
23	100	0			0	133	71	0					23
24	87	0			0	233	155	0					24
25	80	0			0	283	155	0					25
26	93	0			0	300	155	0					26
27	100	0			0	250	155	0					27
28	117	0			0	192	155	0					28
29	180	0				175	149	0					29
30	200	0				148	155	0					30
31	200	0				0		0					31
MEAN													MEAN
MAX.	200	275			425	300	375	119					MAX.
MIN.	0	0			0	0	0	0					MIN.
AC. FT.	6166	6193			4411	3100	9533	3083					AC. FT.

Total Acre-Feet 32786

Table B-37a
CENTRAL VALLEY PROJECT WATER TO KINGS
COUNTY WATER DISTRICT AT LOWER KAWEAH RIVER

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E. **MUB&M:** To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-37 through B-37d show Central Valley Project water delivered to Kings County Water District.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO KINGS COUNTY WATER DISTRICT AT LOWER KAWEAH RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					0								1
2					0								2
3					0								3
4					0								4
5					0								5
6					62								6
7					100								7
8					130								8
9					175								9
10					200								10
11					152								11
12	N	N	N	N	52	N	N	N	N	N	N	N	12
13	O	O	O	O	0	O	O	O	O	O	O	O	13
14					0								14
15					0								15
16	F	F	F	F	0	F	F	F	F	F	F	F	16
17	L	L	L	L	0	L	L	L	L	L	L	L	17
18	O	O	O	O	0	O	O	O	O	O	O	O	18
19	W	W	W	W	0	W	W	W	W	W	W	W	19
20					0								20
21					0								21
22					0								22
23					0								23
24					0								24
25					0								25
26					0								26
27					0								27
28					0								28
29					0								29
30													30
31													31
MEAN													MEAN
MAX.					175								MAX.
MIN.					0								MIN.
AC. FT.					1727								AC. FT.

Total Acre-Feet 1727

Table B-37b
 CENTRAL VALLEY PROJECT WATER TO KINGS
 COUNTY WATER DISTRICT THROUGH LAKESIDE HEADGATE

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E. MDDLW. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-37 through B-37d show Central Valley Project water delivered to Kings County Water District.

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO KINGS COUNTY WATER DISTRICT THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	109	94			0	0	115	148					1
2	124	94			0	0	135	119					2
3	114	63			0	0	140	88					3
4	105	58			0	0	134	80					4
5	98	82			54	0	130	80					5
6	101	93			98	0	113	80					6
7	99	91			193	0	103	80					7
8	119	105			207	0	114	80					8
9	123	117			206	0	135	80					9
10	112	130			190	0	134	80					10
11	105	63			159	0	147	80					11
12	104	68	N	N	112	0	135	80	N	N	N	N	12
13	114	113	O	O	0	0	98	80	O	O	O	O	13
14	119	94			0	0	112	80					14
15	139	102			0	0	177	80					15
16	140	69	F	F	0	0	60	80	F	F	F	F	16
17	160	0	L	L	0	0	0	80	L	L	L	L	17
18	170	0	O	O	0	0	0	80	O	O	O	O	18
19	137	0	W	W	0	0	0	80	W	W	W	W	19
20	87	0			0	0	0	65					20
21	70	0			0	0	0	0					21
22	103	0			0	0	0	0					22
23	107	0			0	0	0	0					23
24	100	0			0	0	81	0					24
25	87	0			0	49	105	0					25
26	80	0			0	187	149	0					26
27	85	0			0	190	155	0					27
28	31	0			0	186	152	0					28
29	6	0				187	155	0					29
30	34	0				187	149	0					30
31	82					143		0					31
MEAN	170	130			207	190	177	148					MEAN
MAX.	0	0			0	0	0	0					MAX.
MIN.	6276	2648			2418	2239	5808	3372					MIN.
AC. FT.													AC. FT.

Total Acre-Feet 22961

Table B-37c
 CENTRAL VALLEY PROJECT WATER FROM KINGS
 COUNTY WATER DISTRICT THROUGH LAKESIDE HEADGATE

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E. MOB&M: To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-37 through B-37d show Central Valley Project water delivered to Kings County Water District.

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1978		CENTRAL VALLEY PROJECT WATER FROM KINGS COUNTY WATER DISTRICT THROUGH LAKESIDE HEADGATE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1												0	1
2												0	2
3												0	3
4												0	4
5												0	5
6												0	6
7												0	7
8												0	8
9												0	9
10												0	10
11												0	11
12	N	N	N	N	N	N	N	N	N	N	N	0	12
13	O	O	O	O	O	O	O	O	O	O	O	0	13
14												0	14
15												0	15
16	F	F	F	F	F	F	F	F	F	F	F	0	16
17	L	L	L	L	L	L	L	L	L	L	L	0	17
18	O	O	O	O	O	O	O	O	O	O	O	0	18
19	W	W	W	W	W	W	W	W	W	W	W	0	19
20												50	20
21												50	21
22												50	22
23												50	23
24												50	24
25												25	25
26												0	26
27												0	27
28												0	28
29												0	29
30												0	30
31												0	31
MEAN												50	MEAN
MAX.												0	MAX.
MIN.												0	MIN.
AC. FT.												546	AC. FT.

Total Acre-Feet 546

Table B-37d
 CENTRAL VALLEY PROJECT WATER TO KINGS
 COUNTY WATER DISTRICT AT KINGS RIVER WASTEWAY

Point of Diversion: To Tulare Irrigation District Canal; south side Friant-Kern Canal north of the southeast corner of Section 34, T17S, R26E. MUB&M. To St. Johns River; north side St. Johns River, west side Friant-Kern Canal, northeast of west 1/4 corner of Section 1, T18S, R26E. To Kaweah River; north side Lower Kaweah River, west side Friant-Kern Canal, northwest of southeast corner of Section 12, T18S, R26E.

Remarks: Tables B-37 through B-37d show Central Valley Project water delivered to Kings County Water District.

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO KINGS COUNTY WATER DISTRICT AT KINGS RIVER WASTEWAY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	124												1
2	128												2
3	123												3
4	123												4
5	125												5
6	125												6
7	80												7
8	0												8
9	0												9
10	0												10
11	0												11
12	0	N	N	N	N	N	N	N	N	N	N	N	12
13	0	O	O	O	O	O	O	O	O	O	O	O	13
14	0												14
15	0												15
16	0	F	F	F	F	F	F	F	F	F	F	F	16
17	0	L	L	L	L	L	L	L	L	L	L	L	17
18	0	O	O	O	O	O	O	O	O	O	O	O	18
19	0	W	W	W	W	W	W	W	W	W	W	W	19
20	0												20
21	0												21
22	0												22
23	0												23
24	131												24
25	395												25
26	395												26
27	428												27
28	390												28
29	390												29
30	390												30
31	260												31
MEAN	428												MEAN
MAX.	0												MAX.
MIN.	0												MIN.
AC. FT.	7154												AC. FT.

Total Acre-Feet 7154

Table B-38
 CENTRAL VALLEY PROJECT WATER TO
 CITY OF VISALIA AT ST. JOHNS RIVER

Point of Diversion: On the north side of St. Johns River, west side of Friant-Kern Canal at the St. Johns Wasteway in the northwest 1/4 of Section 1, T18S, R26E, M8B&M.

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT WATER TO THE CITY OF VISALIA AT THE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0	5		1
2										0	0		2
3										0	0		3
4										0	0		4
5										0	0		5
6										0	0		6
7										0	0		7
8										0	0		8
9										0	0		9
10										0	0		10
11										0	0		11
12	N	N	N	N	N	N	N	N	N	0	0	N	12
13	O	O	O	O	O	O	O	O	O	0	0	O	13
14										0	0		14
15										0	0		15
16	F	F	F	F	F	F	F	F	F	0	0	F	16
17	L	L	L	L	L	L	L	L	L	0	0	L	17
18	O	O	O	O	O	O	O	O	O	0	0	O	18
19	W	W	W	W	W	W	W	W	W	0	0	W	19
20										0	0		20
21										0	0		21
22										0	0		22
23										5	0		23
24										10	0		24
25										15	0		25
26										20	0		26
27										20	0		27
28										20	0		28
29										20	0		29
30										20	0		30
31										16	0		31
MEAN										20	5		MEAN
MAX.										0	0		MAX.
MIN.										0	0		MIN.
AC. FT.										291	9		AC. FT.

Total Acre-Feet 300

Table B-38 (Cont'd)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1980		CENTRAL VALLEY PROJECT WATER TO CITY OF VISALIA AT THE ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1										0			1
2										0			2
3										0			3
4										0			4
5										0			5
6										0			6
7										0			7
8										0			8
9										0			9
10										0			10
11										0			11
12	N	N	N	N	N	N	N	N	N	0	N	N	12
13	O	O	O	O	O	O	O	O	O	0	O	O	13
14										0			14
15										0			15
16	F	F	F	F	F	F	F	F	F	0	F	F	16
17	L	L	L	L	L	L	L	L	L	0	L	L	17
18	O	O	O	O	O	O	O	O	O	0	O	O	18
19	W	W	W	W	W	W	W	W	W	0	W	W	19
20										0			20
21										0			21
22										0			22
23										10			23
24										20			24
25										20			25
26										20			26
27										20			27
28										20			28
29										20			29
30										20			30
31										14			31
MEAN										20			MEAN
MAX.										0			MAX.
MIN.										328			MIN.
AC. FT.													AC. FT.

Total Acre-Feet 328

Table B-39
 CENTRAL VALLEY PROJECT
 OPERATIONAL SPILL AT ST. JOHNS RIVER

Point of Diversion: On the north side of St. Johns River, west side of Friant-Kern Canal at the St. Johns Wasteway in the northwest 1/4 of Section 1, T18S, R26E, MDB&M.

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1979		CENTRAL VALLEY PROJECT OPERATIONAL SPILL AT ST. JOHNS RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0											1
2		0											2
3		0											3
4		0											4
5		0											5
6		0											6
7		0											7
8		0											8
9		0											9
10		0											10
11		0											11
12	N	0	N	N	N	N	N	N	N	N	N	N	12
13	O	0	O	O	O	O	O	O	O	O	O	O	13
14		0											14
15		0											15
16	F	0	F	F	F	F	F	F	F	F	F	F	16
17	L	0	L	L	L	L	L	L	L	L	L	L	17
18	O	0	O	O	O	O	O	O	O	O	O	O	18
19	W	0	W	W	W	W	W	W	W	W	W	W	19
20		0											20
21		0											21
22		0											22
23		0											23
24		0											24
25		0											25
26		0											26
27		0											27
28		31											28
29		22											29
30		0											30
31													31
MEAN													MEAN
MAX.		31											MAX.
MIN.		0											MIN.
AC. FT.		105											AC. FT.

Total Acre-Feet 105

APPENDIX C
STORAGE OPERATIONS

STORAGE OPERATIONS

This appendix presents data on daily storage in Terminus Reservoir for the Kaweah Delta Water Conservation District, irrigation districts and the various ditch companies within the Kaweah River service area for the period October 1, 1975 to September 30, 1980.

Data presented in this appendix consist of daily in-storage, out-storage, evaporation, release adjustments and adjusted storage totals in acre-feet for various entities within the service area.

Also presented are recreation storage figures for Tulare County and operation pool storage figures.

Table C-1

HAWKEYE DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
1	0.0		0.251	-1.999	230.600	2.0	0.040	288.708	0.048	335.065	0.048	0.048	0.048		333.565	1					1
2	2.0		0.202		232.398	2.0	0.080	290.688	0.048	335.017	0.048	0.049	0.049		333.516	2					2
3	2.0		0.153		234.245	2.0	0.121	292.507	0.048	334.969	0.048	0.049	0.049		333.467	3					3
4	2.0		0.205		236.040	2.0	0.123	294.384	0.059	334.874	0.059	0.049	0.049		333.418	4					4
5	2.0		0.207		237.838	2.0	0.041	296.343	0.095	334.773	0.095	0.049	0.049		333.369	5					5
6	2.0		0.208		239.625	2.0	0.0	298.343	0.048	334.731	0.048	0.049	0.049		333.320	6					6
7	2.0		0.148		241.477	2.0	0.043	300.300	0.049	334.686	0.049	0.049	0.049		333.271	7					7
8	2.0		0.153		243.324	2.0	0.0	302.300	0.049	334.633	0.049	0.049	0.049		333.222	8					8
9	2.0		0.108		245.222	2.0	0.044	304.256	0.049	334.584	0.049	0.050	0.050		333.172	9					9
10	2.0		0.051		247.171	2.0	0.045	306.211	0.049	334.535	0.049	0.050	0.050		333.122	10					10
11	2.0		0.092		249.079	2.0	0.090	308.121	0.049	334.486	0.049	0.0	0.0		333.122	11					11
12	2.0		0.132		250.947	2.0	0.136	309.985	0.0	334.486	0.0	0.0	0.0		333.122	12					12
13	2.0		0.130		252.817	2.0	0.136	311.849	0.0	334.486	0.0	0.051	0.051		333.071	13					13
14	2.0		0.168		254.689	2.0	0.183	313.666	0.049	334.437	0.049	0.051	0.051		333.020	14					14
15	2.0		0.168		256.521	2.0	0.185	315.481	0.048	334.389	0.048	0.051	0.051		332.969	15					15
16	2.0		0.126		258.395	2.0	0.093	317.388	0.048	334.341	0.048	0.103	0.103		332.865	16					16
17	2.0		0.126		260.269	2.0	0.047	319.341	0.048	334.293	0.048	0.103	0.103		332.763	17					17
18	2.0		0.084		262.185	2.0	0.095	321.246	0.048	334.245	0.048	0.103	0.103		332.660	18					18
19	2.0		0.085		264.100	2.0	0.096	323.150	0.097	334.148	0.097	0.092	0.092		332.608	19					19
20	2.0		0.170		266.050	2.0	0.097	325.053	0.097	334.099	0.097	0.104	0.104		332.504	20					20
21	2.0		0.171		267.959	2.0	0.097	326.956	0.096	334.001	0.096	0.105	0.105		332.399	21					21
22	2.0		0.129		269.930	2.0	0.098	328.858	0.049	333.952	0.049	0.106	0.106		332.293	22					22
23	2.0		0.129		271.940	2.0	0.098	330.760	0.049	333.902	0.049	0.106	0.106		332.185	23					23
24	2.0		0.130		273.971	2.0	0.099	332.710	0.049	333.854	0.049	0.095	0.095		332.130	24					24
25	2.0		0.131		275.940	2.0	0.099	334.611	0.049	333.805	0.049	0.095	0.095		332.075	25					25
26	2.0		0.044		277.196	-7	0.100	335.211	0.049	333.805	0.049	0.112	0.112		331.963	26					26
27	2.0		0.083		279.113	0.0	0.050	335.161	0.0	333.805	0.0	0.114	0.114		331.849	27					27
28	2.0		0.082		281.031	0.0	0.0	335.161	0.048	333.757	0.048	0.116	0.116		331.733	28					28
29	2.0		0.163		282.868	0.0	0.0	335.161	0.048	333.709	0.048	0.117	0.117		331.616	29					29
30	2.0		0.040		284.888	0.048	0.048	335.113	0.048	333.661	0.048	0.119	0.119		331.497	30					30
31	2.0		0.060		286.748	0.048	0.048	335.113	0.048	333.613	0.048	0.121	0.121		331.376	31					31
TOTAL	60.0		4.103	-1.999		50.7	2.335			1.500			2.237			TOTAL					
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY
1			0.122		331.254	1.2	0.041	330.634	2.0	0.114	389.436	2.0	0.177		445.525	1					1
2			0.124		331.130	2.0	0.041	332.993	2.0	0.141	391.299	2.0	0.173		447.352	2					2
3			0.125		331.005	2.0	0.040	334.553	2.0	0.084	393.211	2.0	0.188		449.164	3					3
4			0.064		330.941	2.0	0.039	336.514	2.0	0.088	395.153	2.0	0.185		450.979	4					4
5			0.064		330.877	2.0	0.037	338.397	2.0	0.095	397.128	2.0	0.145		452.834	5					5
6			0.0		330.877	2.0	0.077	340.320	2.0	0.136	398.992	2.0	0.126		454.708	6					6
7			0.0		330.877	2.0	0.113	342.266	2.0	0.126	400.884	2.0	0.178		456.530	7					7
8			0.0		330.877	2.0	0.113	344.093	2.0	0.080	402.804	2.0	0.229		458.301	8					8
9			0.059		330.877	2.0	0.037	346.056	2.0	0.079	404.725	2.0	0.225		460.076	9					9
10			0.059		330.818	2.0	0.037	348.019	2.0	0.078	406.647	2.0	0.205		461.871	10					10
11			0.058		330.760	2.0	0.036	349.983	2.0	0.052	408.595	2.0	0.184		463.687	11					11
12			0.057		330.703	2.0	0.108	351.875	2.0	0.077	410.518	2.0	0.278		465.409	12					12
13			0.095		330.647	2.0	0.108	353.767	2.0	0.087	412.431	2.0	0.302		467.107	13					13
14			0.055		330.592	2.0	0.106	355.661	2.0	0.100	414.330	2.0	0.260		468.807	14					14
15			0.054		330.538	2.0	0.105	357.556	2.0	0.075	416.235	2.0	0.244		470.583	15					15
16			0.053		330.485	2.0	0.137	359.419	2.0	0.150	418.105	2.0	0.241		472.342	16					16
17			0.052		330.433	2.0	0.160	361.251	2.0	0.149	419.956	2.0	0.223		474.119	17					17
18			0.103		330.330	2.0	0.099	363.152	2.0	0.123	421.833	2.0	0.191		475.928	18					18
19			0.051		330.279	2.0	0.130	365.022	2.0	0.171	423.662	2.0	0.190		477.738	19					19
20			0.050		330.229	2.0	0.129	366.893	2.0	0.168	425.494	2.0	0.189		479.549	20					20
21			0.099		330.130	2.0	0.128	368.765	2.0	0.165	427.329	2.0	0.202		481.347	21					21
22			0.098		330.032	2.0	0.095	370.670	2.0	0.161	429.168	2.0	0.172		483.175	22					22
23			0.096		329.936	2.0	0.094	372.576	2.0	0.151	431.017	2.0	0.199		485.076	23					23
24			0.095		329.841	2.0	0.123	374.453	2.0	0.178	432.839	2.0	0.185		486.939	24					24
25			0.047		329.794	2.0	0.091	376.362	2.0	0.196	434.643	2.0	0.212		488.759	25					25
26			0.093		329.701	2.0	0.150	378.212	2.0	0.193	436.450	2.0	0.253		490.526	26					26
27			0.092		329.609	2.0	0.060	380.152	2.0	0.190	438.260	2.0	0.280		492.246	27					27
28			0.090		329.519	2.0	0.118	382.034	2.0	0.188	440.072	2.0	0.209		493.977	28					28
29			0.044		329.475	2.0	0.137	383.897	2.0	0.185	441.887	2.0	0.208		495.699	29					29
30						2.0	0.174	385.723	2.0	0.185	443.702	2.0	0.180		497.449	30					30
31						2.0	0.173	387.550	2.0			2.0	0.194		499.255	31					31
TOTAL			1.902			61.2	3.125			3.848			6.447			TOTAL					
DAY	JUNE 1976					JULY 1976					AUGUST 1976					SEPTEMBER 1976					DAY
1	2.0		0.221		501.034	2.0	0.329	552.359	2.0	0.377	599.979	2.0	1.5	0.874	641.580	1					1
2	2.0		0.193		502.841	2.0	0.387	553.972	2.0	0.450	601.592	2.0	3.8	1.058	636.762	2					2
3	2.0		0.206		504.635	2.0	0.348	555.624	2.0	0.461	603.068	2.0	3.8	0.871	632.091	3					3
4	2.0		0.234		506.401	2.0	0.409	557.215	2.0	0.5											

Table C-1 (Cont'd)

HAWKEYE DITCH

DAY	OCTOBER 1976					NOVEMBER 1976					DECEMBER 1976					JANUARY 1977					DAY		
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE			
1	2.1		0.150		699.515	2.2		0.011		23.493			0.005		15.873					0.003		15.126	1
2	2.1		0.219		661.396	2.2		0.016		25.677			0.005		15.268					0.005		15.122	2
3	2.2		0.211		663.388	2.2		0.019		27.896			0.005		15.863					0.003		15.118	3
4	2.1		0.282		665.200	2.2		0.011		30.047			0.005		15.258					0.003		15.133	4
5	2.2		0.350		667.050	2.2		0.009		32.218			0.005		15.253					0.002		15.133	5
6	2.2		0.374		668.876	2.2	0.0	0.031		34.387			0.005		15.848					0.002		15.111	6
7	2.2		0.521		670.355	0.0	7.9	0.019		26.468			0.005		15.243					0.002		15.109	7
8	2.2		0.443		672.312	0.0	7.7	0.010		18.798			0.005		15.236					0.002		15.107	8
9	2.2		0.515		673.997		2.7	0.009		16.049			0.003		15.235					0.002		15.105	9
10	2.2		0.512		675.685			0.008		13.341			0.005		15.230					0.0		15.105	10
11	2.2		0.437		677.448		0.0	0.003		15.398			0.005		15.225					0.002		15.109	11
12	2.2		0.436		679.212			0.0		12.398			0.005		15.220					0.002		15.101	12
13	2.2		0.435		680.905			0.003		15.335			0.005		15.215					0.002		15.099	13
14	2.2		0.434		682.671			0.003		15.332			0.005		15.210					0.0		15.099	14
15	2.2		0.433		684.438			0.003		15.329			0.005		15.205					0.0		15.099	15
16	2.2		0.360		686.278			0.006		15.323			0.008		15.197					0.002		15.097	16
17	2.2		0.432		688.046			0.003		15.320			0.008		15.189					0.002		15.095	17
18	2.2		0.432		689.814			0.003		15.317			0.005		15.184					0.002		15.093	18
19	2.2		0.432		691.582			0.003		15.314			0.005		15.179					0.002		15.091	19
20	2.2		0.360		693.422			0.003		15.311			0.005		15.174					0.002		15.089	20
21	2.2		0.438		695.184			0.003		15.308			0.003		15.171					0.002		15.087	21
22	2.2		0.371		697.013			0.003		15.308			0.005		15.166					0.002		15.085	22
23	2.2		0.226		698.987			0.003		15.305			0.003		15.163					0.002		15.083	23
24	2.2	0.0	0.003		700.997			0.003		15.302			0.003		15.158					0.002		15.081	24
25	2.2	695.0	0.003		6.424			0.003		15.299			0.003		15.153					0.002		15.081	25
26	2.2	0.0	0.004		10.350			0.003		15.296			0.003		15.150					0.002		15.079	26
27	2.2		0.002		12.942			0.003		15.293			0.003		15.145					0.002		15.077	27
28	2.2		0.009		14.733			0.005		15.288			0.005		15.140					0.002		15.075	28
29	2.2		0.009		16.984			0.005		15.283			0.005		15.135					0.002		15.073	29
30	2.2		0.011		19.113			0.005		15.278			0.003		15.132					0.002		15.071	30
31	2.2		0.009		21.304			0.005					0.003		15.129					0.002		15.069	31
TOTAL	67.9	695.0 ^a	9.161			13.2	19.0	0.226					0.149						0.060			TOTAL	
DAY	FEBRUARY 1977					MARCH 1977					APRIL 1977					MAY 1977					DAY		
1			0.002		15.057	2.2		0.017		66.219	2.2		0.055		135.242	2.0				0.072		193.891	1
2			0.002		15.055	2.2		0.025		70.395	2.2		0.070		137.372	2.0				0.072		195.819	2
3	0.0		0.005		15.050	2.2		0.027		74.564	2.2		0.074		139.503	2.0				0.056		197.773	3
4	1.4		0.005		16.455	2.2		0.028		74.738	2.2		0.085		141.616	2.0				0.096		199.627	4
5	2.2		0.006		18.649	2.2		0.028		76.910	2.2		0.086		143.730	2.0				0.084		201.543	5
6	2.2		0.003		20.846	2.2		0.048		79.062	2.2		0.100		145.830	2.0				0.100		203.471	6
7	2.2		0.007		23.039	2.2		0.040		81.222	2.2		0.099		147.931	2.0				0.048		205.383	7
8	2.2		0.005		25.231	2.2		0.030		83.392	2.2		0.070		149.961	2.0				0.024		207.397	8
9	2.2		0.004		27.427	2.2		0.031		85.582	2.0		0.081		151.920	2.0				0.024		209.375	9
10	2.2		0.009		29.618	2.2		0.031		87.751	2.0		0.069		153.851	2.0				0.048		211.327	10
11	2.1		0.039		31.709	2.2		0.032		89.919	2.0		0.083		155.768	2.0				0.036		213.321	11
12	2.0		0.010		33.699	2.2		0.032		92.087	2.0		0.094		157.672	2.0				0.048		215.291	12
13	2.0		0.010		35.689	2.2		0.031		94.254	2.0		0.082		159.590	2.0				0.024		217.312	13
14	2.0		0.016		37.673	2.2		0.034		96.420	2.0		0.105		161.495	2.2				0.060		219.459	14
15	2.0		0.027		39.656	2.2		0.034		98.586	2.0		0.097		163.388	2.2				0.108		221.551	15
16	2.0		0.018		41.638	2.2		0.011		100.775	2.0		0.092		165.296	2.2				0.063		223.668	16
17	2.0		0.018		43.620	2.2		0.035		102.940	2.0		0.090		167.206	2.8				0.119		225.849	17
18	2.0		0.026		45.594	2.2		0.024		105.116	2.0		0.102		169.109	4.9				0.055		228.116	18
19	2.0		0.027		47.567	2.2		0.036		107.280	2.0		0.114		170.991	6.0				0.110		230.054	19
20	2.0		0.014		49.553	2.2		0.037		109.443	2.0		0.126		172.865	6.0				0.124		232.030	20
21	2.0		0.0		51.553	2.2		0.049		111.594	2.0		0.113		174.752	6.0				0.136		234.094	21
22	2.0		0.014		53.535	2.2		0.052		113.732	2.0		0.100		176.652	6.0				0.099		236.195	22
23	2.0		0.007		55.532	2.2		0.050		115.882	2.0		0.125		178.527	4.3				0.062		238.333	23
24	2.0		0.003		57.548	2.2		0.018		118.044	2.0		0.097		180.340	2.0				0.073		240.500	24
25	2.1		0.023		59.601	2.2		0.023		120.211	2.0		0.099		182.341	2.0				0.110		242.695	25
26	2.1		0.024		61.677	2.2		0.052		122.379	2.0		0.074		184.267	2.0				0.109		244.911	26
27	2.2		0.016		63.761	2.2		0.056		124.513	2.0		0.086		186.121	2.0				0.120		247.151	27
28	2.2		0.025		65.856	2.2		0.073		126.650	2.0		0.097		188.004	2.0				0.130		249.401	28
29						2.2		0.057		128.793	2.0		0.085		189.939	2.0				0.164		251.727	29
30						2.2		0.041		130.952	2.0		0.036		191.963	2.0				0.161		254.066	30
31						2.2		0.075		133.097						193.970	2.0			0.170		256.419	31
TOTAL	51.3		0.333			68.2		1.139			61.5		2.634						85.2		2.767		TOTAL
DAY	JUNE 1977					JULY 1977					AUGUST 1977					SEPTEMBER 1977					DAY		
1	2.0		0.178		276.218	2.0		0.208		331.534	2.0		0.403		394.457	2.2				0.540		439.651	1
2	2.0		0.142		278.076	2.0		0.238		333.296	2.1		0.420		396.177	2.2				0.480		441.371	2
3	2.0		0.163		279.913	2.0		0.259		335.066	2.2		0.404		397.933	2.2				0.559		443.012	3
4	2.0		0.172		281.741	2.0		0.209		336.837	2.2		0.323		399.610	2.1				0.468		444.544	4
5	2.0		0.139		283.602	2.0		0.213</															

Table C-1 (Cont'd)

HANKEYE DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																
OCTOBER 1977																						NOVEMBER 1977					DECEMBER 1977					JUNE 1978					DAY
1	2.2		0.332		394.513	2.2		0.206		452.237	2.2		0.104		513.132						1																
2	2.2		0.420		396.293	2.2		0.310		454.127	2.2		0.104		515.828						2																
3	2.2		0.509		397.984	2.2		0.312		456.015	2.2		0.105		517.323						3																
4	2.2		0.429		399.755	2.2		0.103		458.112	2.2		0.104		519.449						4																
5	2.2		0.346		401.609	2.2		0.104		460.208	2.2		0.104		521.515						5																
6	2.2		0.174		403.655	2.2		0.210		462.198	2.2		0.105		523.610						6																
7	2.2		0.347		405.488	2.2		0.207		464.131	2.2		0.105		525.705						7																
8	2.2		0.350		407.338	2.2		0.207		466.184	2.2		0.105		527.800						8																
9	2.2		0.353		409.285	2.2		0.207		468.177	2.1		0.104		529.796						9																
10	2.2		0.356		411.029	2.2		0.207		470.170	2.0		0.105		531.691						10																
11	2.2		0.449		412.780	2.2		0.311		472.059	2.0		0.210		533.481						11																
12	2.2		0.453		414.527	2.2		0.208		474.051	2.0		0.105		535.481						12																
13	2.2		0.365		416.362	2.2		0.104		476.147	2.0		0.106		537.375						13																
14	2.2		0.461		418.101	2.2		0.208		478.139	2.0		0.106		539.269						14																
15	2.2		0.465		419.836	2.2		0.208		480.131	2.0		0.106		541.163						15																
16	2.2		0.470		421.566	2.2		0.209		482.122	2.1		0.104		543.159						16																
17	2.2		0.379		423.387	2.2		0.209		484.113	2.2		0.089		545.270						17																
18	2.2		0.383		425.204	2.2		0.210		486.103	2.2		0.084		547.386						18																
19	2.2		0.290		427.114	2.2		0.315		487.988	2.2		0.282		549.504						19																
20	2.2		0.292		429.022	2.2		0.109		490.083	2.2		0.082		551.622						20																
21	2.2		0.293		430.929	2.2		0.105		492.178	2.2		0.081		553.741						21																
22	2.2		0.295		432.834	2.2		0.105		494.273	2.2		0.161		555.860						22																
23	2.2		0.296		434.738	2.2		0.105		496.368	2.2		0.076		557.974						23																
24	2.2		0.298		436.640	2.2		0.105		498.463	2.2		0.148		559.956						24																
25	2.2		0.299		438.541	2.2		0.105		500.558	2.2		0.073		562.083						25																
26	2.2		0.301		440.440	2.2		0.105		502.653	2.2		0.0		564.283						26																
27	2.2		0.302		442.338	2.2		0.105		504.748	2.2		0.055	-566.428	0.0					256.000	27																
28	2.2		0.196		444.342	2.2		0.104		506.844	0.0		0.0							257.129	28																
29	2.2		0.092		446.246	2.2		0.104		508.940	2.2		0.084							259.093	29																
30	2.2		0.198		448.248	2.2		0.104		511.036	2.2		0.080							260.973	30																
31	2.2		0.205		450.243	2.2					2.0										31																
TOTAL	68.2		10.602			68.2		5.207			58.0		2.608	-566.428 ⁰		5.2		0.227			TOTAL																
JULY 1978																						AUGUST 1978					SEPTEMBER 1978					OCTOBER 1978					DAY
1	2.0		0.088		262.885	2.0		0.178		320.980	2.0		0.361		375.433	2.0		0.336		428.435	1																
2	2.0		0.084		264.801	2.0		0.186		322.794	2.0		0.450		376.303	2.0		0.343		430.092	2																
3	2.0		0.092		266.709	2.0		0.194		324.600	2.0		0.371		378.612	2.0		0.351		431.741	3																
4	2.0		0.092		268.617	2.0		0.144		326.419	2.0		0.0		380.612	2.0		0.360		433.381	4																
5	2.0		0.093		270.524	2.0		0.213		328.246	2.0		0.0		382.612	2.0		0.368		435.013	5																
6	2.0		0.102		272.422	2.0		0.261		329.965	2.0		0.140		384.472	2.0		0.282		436.731	6																
7	2.0		0.111		274.311	2.0		0.234		331.731	2.0		0.168		386.309	2.0		0.288		438.453	7																
8	2.0		0.112		276.199	2.0		0.183		333.540	2.0		0.201		388.103	2.0		0.241		440.252	8																
9	2.0		0.126		278.073	2.0		0.206		335.342	2.0		0.202		389.901	2.0		0.243		442.009	9																
10	2.0		0.123		279.950	2.0		0.231		337.111	2.0		0.170		391.731	2.0		0.255		443.714	10																
11	2.0		0.104		281.846	2.0		0.195		338.916	2.0		0.171		393.560	2.0		0.301		445.413	11																
12	2.0		0.100		283.746	2.0		0.210		340.706	2.0		0.208		395.352	2.0		0.307		447.106	12																
13	2.0		0.121		285.625	2.0		0.225		342.481	2.0		0.176		397.176	2.0		0.313		448.793	13																
14	2.0		0.114		287.511	2.0		0.226		344.255	2.0		0.176		399.000	2.0		0.325		450.468	14																
15	2.0		0.116		289.395	2.0		0.261		346.094	2.0		0.246		400.754	2.0		0.326		452.142	15																
16	2.0		0.123		291.272	2.0		0.262		347.732	2.0		0.282		402.472	2.0		0.167		453.975	16																
17	2.0		0.135		293.137	2.0		0.285		349.447	2.0		0.247		404.225	2.0		0.277		455.748	17																
18	2.0		0.143		294.994	2.0		0.238		351.209	2.0		0.213		407.015	2.0		0.173		457.575	18																
19	2.0		0.132		296.862	2.0		0.233		352.956	2.0		0.214		407.798	2.0		0.237		459.398	19																
20	2.0		0.152		298.710	2.0		0.288		354.668	2.0		0.252		409.546	2.0		0.177		461.161	20																
21	2.0		0.130		300.580	2.0		0.250		356.418	2.0		0.254		411.292	2.0		0.124		463.037	21																
22	2.0		0.139		302.441	2.0		0.237		358.181	2.0		0.293		412.939	2.0		0.137		464.940	22																
23	2.0		0.163		304.275	2.0		0.253		359.998	2.0		0.296		414.703	2.0		0.360		466.880	23																
24	2.0		0.147		306.128	2.0		0.208		361.750	2.0		0.261		416.442	2.0		0.321		468.159	24																
25	2.0		0.085		308.043	2.0		0.231		363.499	2.0		0.302		418.140	2.0		0.322		469.837	25																
26	2.0		0.131		309.912	2.0		0.227		365.272	2.0		0.267		419.873	2.0		0.320		471.517	26																
27	2.0		0.143		311.769	2.0		0.269		367.020	2.0		0.254		421.619	2.0		0.239		473.278	27																
28	2.0		0.148		313.621	2.0		0.285		368.718	2.0		0.237		423.382	2.0		0.317		474.961	28																
29	2.0		0.140		315.481	2.0		0.306		370.412	2.0		0.282		425.100	2.0		0.158		476.803	29																
30	2.0		0.159		317.322	2.0		0.294		372.112	2.0		0.259		426.771	2.0		0.236		478.567	30																
31	2.0		0.164		319.158	2.0		0.324		373.794	2.0		0.200			2.0		0.085		480.482	31																
TOTAL	62.0		3.815			62.0		7.364			60.0		7.023			62.0		8.289			TOTAL																
NOVEMBER 1978																						DECEMBER 1978					JANUARY 1979					FEBRUARY 1979					DAY
1	2.0		0.169		482.113	2.0		0.004		10.092	2.0		0.010		71.972	2.0		0.020		133.639	1																
2	2.0		0.168		484.145	2.0		0.002		12.090	2.0		0.010		73.962	2.0		0.020		135.619	2																
3	2.0		0.166		485.979	2.0		0.004		14.086	2.0		0.010		75.952	2.0		0.022		137.579	3																
4	2.0		0.165		487.814	2.0		0.002		16.084	2.0		0.010		77.942	2.0		0.023		139.574	4																
5	2.0		0.164		489.650	2.0		0.002		18.082	2.0		0.011		79.933	2.0		0.024		141.550	5																
6	2.0		0.245		491.405	2.0		0.003		20.079	2.0		0.012		81.919	2.0		0.025		143.525	6																
7	2.0		0.162		493.243	2.0		0.003		22.076	2.0		0.011		83.908	2.0		0.026		145.499	7																
8	2.0		0.242		495.021	2.0		0.003		24.073	2.0		0.0		85.908	2.0		0.026																			

Table C-1 (Cont'd)

HAWKEYE DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
1	2.0		0.039		188,810	2.0		0.086		249,586	2.0		0.067		307,666		-2.2	0.138		308,383	1
2	2.0		0.034		190,776	2.0		0.060		251,466	2.0		0.066		309,600		0.0	0.134		308,249	2
3	2.0		0.051		192,725	2.0		0.060		253,406	2.0		0.085		311,515			0.121		308,188	3
4	2.0		0.051		194,674	2.0		0.067		255,339	2.1		0.093		313,362			0.107		308,021	4
5	2.0		0.050		196,624	2.0		0.067		257,272	2.2		0.090		315,632			0.115		307,906	5
6	2.0		0.048		198,576	2.0		0.033		259,239	2.2		0.080		317,752	0.0		0.127		307,779	6
7	2.0		0.063		200,513	2.0		0.048		261,191	2.2		0.049		319,903	1.2		0.107		307,872	7
8	2.0		0.060		202,453	2.0		0.064		263,127	2.2		0.036		322,067	0.0		0.134		310,738	8
9	2.0		0.058		204,395	2.0		0.047		265,080	2.2		0.079		324,188	2.0		0.135		312,603	9
10	2.0		0.056		206,339	2.0		0.054		267,066	2.2		0.098		326,290	2.0		0.145		314,458	10
11	2.0		0.040		208,299	2.0		0.047		269,079	2.2		0.110		328,380	2.0		0.165		316,293	11
12	2.0		0.052		210,247	2.0		0.046		270,933	2.2		0.134		330,446	2.0		0.135		318,158	12
13	2.0		0.053		212,194	2.0		0.061		272,872	2.2		0.145		332,501	2.0		0.118		320,043	13
14	2.0		0.025		214,169	2.0		0.076		274,796	2.2		0.149		334,552	2.0		0.108		321,935	14
15	2.0		0.043		216,126	2.0		0.077		276,719	2.2		0.124		336,628	2.0		0.105		323,830	15
16	2.0		0.024		218,102	2.0		0.074		278,645	2.2		0.104		338,724	2.0		0.112		325,718	16
17	2.0		0.012		220,090	2.0		0.051		280,594	2.2		0.120		340,804	2.0		0.089		327,629	17
18	2.0		0.046		222,044	2.0		0.058		282,536	2.0		0.122		342,692	2.0		0.116		329,513	18
19	2.0		0.041		224,033	2.0		0.065		284,470	2.0		0.122		344,577	2.0		0.119		331,394	19
20	2.0		0.045		226,098	2.0		0.073		286,397	2.0		0.133		346,464	2.0		0.122		333,272	20
21	2.0		0.033		227,955	2.0		0.073		288,324	2.0		0.084		348,388	2.0		0.133		335,139	21
22	2.0		0.052		229,882	2.0		0.073		290,251	2.0		0.082		350,298	2.0		0.114		337,007	22
23	2.0		0.054		231,868	2.0		0.073		292,178	2.0		0.087		352,211	2.0		0.122		338,903	23
24	2.0		0.053		233,815	2.0		0.073		294,105	2.0		0.117		354,094	2.0		0.141		340,762	24
25	2.0		0.063		235,752	2.0		0.058		296,047	2.0		0.121		355,973	2.0		0.137		342,605	25
26	2.0		0.031		237,721	2.0		0.043		298,004	2.0		0.131		357,842	2.0		0.127		344,523	26
27	2.0		0.059		239,671	2.0		0.057		299,947	2.0		0.108		359,534	2.0		0.136		346,467	27
28	2.0		0.043		241,592	2.0		0.063		301,884	2.0	4.2	11.7	0.095	361,779	2.0		0.138		348,229	28
29	2.0		0.037		243,615	2.0		0.083		303,801	2.0	12.6	10.0	0.100	363,939	2.0		0.129		350,100	29
30	2.0		0.018		245,597	2.0		0.066		305,733	2.0	10.7	10.0	0.110	365,829	2.0		0.137		351,963	30
31	2.0		0.045		247,552	2.0		0.073		307,647	2.0	7.4	10.8	0.108	367,721	2.0		0.127		353,808	31
TOTAL	62.0		1.293			60.0		1.819			54.7	46.6	3.112			47.2	2.2	3.758			TOTAL
DAY	JULY 1979					AUGUST 1979					SEPTEMBER 1979					OCTOBER 1979					DAY
1	2.0		0.259		353,804	2.0		0.432		408,425	2.0		0.410		457,251	2.0		0.429		508,745	1
2	2.0		0.243		355,662	2.0		0.444		409,981	2.0		0.211		458,740	2.0		0.535		504,210	2
3	2.0		0.133		357,508	2.0		0.396		411,585	2.0		0.410		460,330	2.0		0.321		505,889	3
4	2.0		0.136		359,392	2.0		0.403		413,184	2.0		0.410		461,920	2.0		0.428		507,461	4
5	2.0		0.132		361,260	2.0		0.448		414,736	2.0		0.514		463,406	2.0		0.427		509,034	5
6	2.0		0.150		363,110	2.0		0.419		416,317	2.0		0.514		464,892	2.0		0.428		510,606	6
7	2.0		0.161		364,949	2.0		0.525		417,792	2.0		0.514		466,378	2.0		0.428		512,178	7
8	2.0		0.181		366,768	2.0		0.532		419,260	2.0		0.412		467,966	2.0		0.321		513,857	8
9	2.0		0.218		368,559	2.0		0.468		420,792	2.0		0.516		469,450	2.0		0.429		515,428	9
10	2.0		0.185		370,365	2.0		0.441		422,351	2.0		0.518		470,932	2.0		0.323		517,105	10
11	2.0		0.158		372,207	2.0		0.339		424,022	2.0		0.624		472,308	2.0		0.324		518,781	11
12	2.0		0.190		374,017	2.0		0.366		425,646	2.0		0.626		473,688	2.0		0.217		520,564	12
13	2.0		0.224		375,803	2.0		0.396		427,259	2.0		0.629		475,053	2.0		0.217		522,347	13
14	2.0		0.222		377,581	2.0		0.448		428,802	2.0		0.526		476,527	2.0		0.218		524,129	14
15	2.0		0.249		379,332	2.0		0.403		430,399	2.0		0.634		477,893	2.0		0.328		525,801	15
16	2.0		0.280		381,052	2.0		0.411		431,988	2.0		0.636		479,257	2.0		0.329		527,472	16
17	2.0		0.250		382,802	2.0		0.207		433,781	2.0		0.640		480,617	2.0		0.329		529,143	17
18	2.0		0.251		384,551	2.0		0.412		435,369	2.0		0.536		482,001	2.0		0.330		530,813	18
19	2.0		0.285		386,266	2.0		0.513		436,856	2.0		0.531		483,550	2.0		0.003	-506.0	532,544	19
20	2.0		0.156		388,110	2.0		0.409		438,447	2.0		0.433		485,217	2.0		0.330		534,275	20
21	2.0		0.176		389,934	2.0		0.407		440,040	2.0		0.547		486,679	2.0		0.004		536,006	21
22	2.0		0.252		391,682	1.9		0.407		441,533	2.0		0.551		488,119	2.0		0.007		537,737	22
23	2.0		0.238		393,444	1.9		0.406		443,027	2.0		0.553		489,566	2.0		0.010		539,468	23
24	2.0		0.297		395,147	2.0		0.406		444,621	2.0		0.444		491,122	2.0		0.012		541,199	24
25	2.0		0.300		396,847	2.0		0.407		446,214	2.0		0.436		492,686	2.0		0.006		542,930	25
26	2.0		0.302		398,545	2.0		0.509		447,705	2.0		0.325		494,361	2.0		0.003		544,662	26
27	2.0		0.269		400,276	2.0		0.408		449,297	2.0		0.324		496,037	2.0		0.007		546,393	27
28	2.0		0.305		402,070	2.0		0.511		450,786	2.0		0.326		497,711	2.0		0.010		548,124	28
29	2.0		0.367		403,603	2.0		0.307		452,479	2.0		0.215		499,496	2.0		0.009		549,855	29
30	2.0		0.348		405,255	2.0		0.409		454,070	2.0		0.322		501,174	2.0		0.014		551,586	30
31	2.0		0.398		406,857	2.0		0.409		455,662	2.0					2.0		0.015		553,317	31
TOTAL	62.0		7.106			61.8		12.996			60.0		14.487			62.0		6.462	-506.0		TOTAL
DAY	NOVEMBER 1979					DECEMBER 1979					JANUARY 1980					FEBRUARY 1980					DAY
1	2.0		0.015		32,697	2.0		0.024		92,163	2.0		0.018		153,438	2.0		0.011		215,019	1
2	2.0		0.016		34,621	2.0		0.037		94,126	2.0		0.038		155,400	2.0		0.024		217,025	2
3	2.0		0.017		36,566	2.0		0.038		96,088	2.0		0.019		157,381	2.0		0.006		219,019	3
4	2.0		0.012		38,532	2.0		0.039		98,049	2.0		0.020		159,361	2.0		0.006		221,013	4
5	2.0		0.018		40,634	2.0		0.027		100,022	2.0		0.0		161,361	2.0		0.013		223,000	5
6	2.0		0.019																		

Table C-2

HAMILTON PITCH

DAY	OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1						4.0		0.004		26.475					1.880					1.880	1
2						2.7		0.008		29.167					1.880					1.880	2
3						2.0		0.013		31.154					1.880					1.880	3
4						0.7		0.013		31.861					1.880					1.880	4
5						0.0		0.004		31.837					1.880					1.880	5
6										31.837					1.880					1.880	6
7										31.832					1.880					1.880	7
8										31.832					1.880					1.880	8
9										31.827					1.880					1.880	9
10							0.0	0.005		31.822					1.880					1.880	10
11							3.7	0.008		28.114					1.880					1.880	11
12							6.0	0.010		22.104					1.880					1.880	12
13							6.0	0.007		16.097					1.880					1.880	13
14							6.0	0.006		10.091					1.880					1.880	14
15							6.0	0.002		4.085					1.880			0.0		1.880	15
16							2.2	0.001		1.888					1.880			0.001		1.879	16
17							0.0			1.888					1.880			0.001		1.878	17
18								0.001		1.887					1.880			0.001		1.877	18
19								0.001		1.886					1.880			0.001		1.877	19
20								0.001		1.885					1.880			0.001		1.876	20
21								0.001		1.884					1.880			0.001		1.875	21
22								0.001		1.883					1.880			0.001		1.874	22
23								0.001		1.882					1.880			0.001		1.873	23
24								0.0		1.882					1.880			0.0		1.873	24
25								0.001		1.881					1.880			0.0		1.873	25
26	0.0		0.0					0.001		1.880					1.880			0.001		1.872	26
27	5.0		0.001					0.0		1.880					1.880			0.001		1.871	27
28	5.5		0.003		4.999					1.880					1.880			0.001		1.870	28
29	4.0		0.008		10.496					1.880					1.880			0.001		1.869	29
30	4.0		0.003		14.488					1.880					1.880			0.001		1.868	30
31	4.0		0.006		18.485					1.880					1.880			0.001		1.867	31
					22.479					1.880					1.880					1.867	31
TOTAL	22.5		0.021			9.4	29.9	0.099										0.013			TOTAL
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY
1			0.001		1.866	8.4		0.003		21.916	4.0		0.096		192.533	9.9		0.172		433.650	1
2			0.001		1.865	7.4		0.004		29.312	4.0		0.071		296.462	8.7		0.171		442.179	2
3			0.001		1.864	6.0		0.004		35.308	10.2		0.044		208.618	7.9		0.169		449.896	3
4			0.0		1.864	4.0		0.005		40.003	13.9		0.015		120.503	7.9		0.187		457.603	4
5					1.864	4.0		0.015		43.988	7.7		0.031		228.172	7.9		0.149		465.354	5
6					1.864	4.0		0.011		47.977	4.0		0.079		232.093	6.7		0.131		471.923	6
7					1.864	4.0		0.017		51.960	4.0		0.064		236.029	6.0		0.186		477.737	7
8	0.0				1.864	4.0		0.018		55.942	5.2		0.048		241.181	6.0		0.241		483.496	8
9	2.5		0.0		4.364	4.0		0.006		59.926	6.0		0.048		247.133	6.0		0.239		489.257	9
10	4.0		0.001		8.363	4.0		0.007		63.909	6.0		0.049		253.084	6.0		0.219		495.028	10
11	1.9		0.008		9.861	4.0		0.007		67.922	4.7		0.033		257.751	4.7		0.198		499.540	11
12	0.0		0.002		9.859	4.0		0.002		71.900	5.2		0.049		262.902	5.2		0.301		504.439	12
13			0.002		9.857	4.0		0.023		75.877	6.0		0.097		268.845	6.0		0.330		510.109	13
14			0.002		9.855	4.0		0.024		79.853	4.7		0.067		273.478	6.0		0.308		515.801	14
15			0.002		9.855	5.2		0.025		85.088	4.0		0.090		277.428	6.0		0.271		521.530	15
16			0.002		9.851	6.0		0.035		90.993	2.7		0.100		280.028	6.0		0.269		527.261	16
17			0.002		9.849	6.0		0.045		96.948	2.0		0.100		281.928	6.0		0.251		533.010	17
18			0.003		9.845	6.0		0.088		102.920	2.0		0.113		283.845	6.0		0.217		538.793	18
19			0.002		9.844	6.0		0.039		108.881	3.2		0.116		286.829	6.0		0.217		544.576	19
20			0.001		9.843	4.7		0.040		113.541	4.0		0.115		290.814	4.7		0.216		549.090	20
21			0.003		9.840	5.2		0.041		118.700	6.4		0.115		297.099	6.4		0.233		555.227	21
22			0.001		9.837	6.0		0.032		124.668	9.2		0.115		306.184	6.1		0.200		561.127	22
23			0.003		9.834	4.7		0.032		129.336	9.9		0.111		315.973	5.0		0.233		565.894	23
24			0.003		9.831	5.2		0.044		134.492	16.1		0.136		331.937	5.0		0.216		570.678	24
25			0.001		9.830	6.0		0.034		140.458	19.8		0.158		351.579	4.3		0.249		574.729	25
26			0.003		9.827	6.0		0.058		146.400	19.8		0.164		371.215	2.7		0.297		577.132	26
27			0.003		9.824	12.2		0.025		158.375	17.4		0.169		388.446	7.3		0.332		584.100	27
28	0.0				9.821	14.6		0.054		171.121	15.9		0.173		406.173	10.0		0.251		593.849	28
29	3.7		0.002		11.519	7.9		0.065		180.756	10.9		0.174		414.899	6.5		0.252		600.097	29
30						4.0		0.083		184.673	9.2		0.177		421.922	3.3		0.218		603.179	30
31						4.0		0.084		188.589						2.6		0.235		605.544	31
TOTAL	11.7		0.048			176.0		0.930			298.1		2.767			188.8 ^a		7.178			TOTAL
DAY	JUNE 1976					JULY 1976					AUGUST 1976					SEPTEMBER 1976					DAY
1	11.1		0.272		616.372		4.0	0.341		571.679		4.7	0.223		355.350		13.9	0.139		101.752	1
2	14.6		0.282		630.730		4.0	0.396		567.283		4.0	0.262		351.088		13.9	0.140		87.712	2
3	13.9		0.264		644.366	4.7		0.358		571.625		6.4	0.253		344.425		13.9	0.102		73.710	3
4	13.9		0.304		657.962	9.9		0.427		581.098		7.9	0.301		336.224		13.1	0.109		60.341	4
5	6.4		0.289		664.073	1.3		0.446		581.952		7.9	0.362		327.962	5.6	13.5	0.060		52.381	5
6	5.2		0.272		667.001		4.0	0.420		577.532		7.9	0.225		319.837	5.6	8.9	0.058		49.023	6
7	2.7		0.237		669.464		6.4	0.428		570.704		7.9	0.262		311.675	5.6	4.7	0.057		49.866	7
8		3.0	0.201		666.263		7.9	0.434		562.370		7.9	0.335		303.440	6.2	4.0	0.072		51.994	8
9		4.7	0.221		661.942		7.9	0.411		554.059		2.5	0.337		297.703	6.5	4.0	0.050		54.444	9
10		5.2	0.112		656.030		7.9	0.477		545.682		4.0	0.341		293.462	5.6	4.0	0.0		56.044	10
11		6.0	0.224		649.806		7.9	0.434		537.328		4.0	0.345		289.217	11.0	0.0	0.042		67.009	11
12		4.7	0.281		644.823		7.9	0.431		528.997		1.5	0.308		282.509	16.9		0.049		85.853	12
13	2.0		0.305		641.318		7.9	0.471		520.626		9.2	0.230		273.079	6.0		0.073		100.682	13
14	3.2		0.367		638.151		7.9	0.416		512.310		6.7	0.113		264.265	14.4					

Table C-2 (Cont'd)

HAMILTON DITCH

DAY	OCTOBER 1976					NOVEMBER 1976					DECEMBER 1976					JANUARY 1977					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1	4.6		0.040		175.346	0.0	0.172			373.569		0.005			13.438			0.002		13.301	1
2	14.4		0.063		189.683	360.0	0.009			13.560		0.004			13.434	0.0	0.0	0.005		13.296	2
3	59.1		0.071		218.712	0.0	0.009			13.551		0.005			13.409	1.2	0.0	0.002		14.494	3
4	13.0		0.107		251.605		0.005			13.546		0.005			13.424	0.0	.5	0.002		13.998	4
5	31.0		0.148		282.457		0.012			13.534		0.005			14.419	.7	0.002			13.290	5
6	17.6		0.168		299.889		0.012			13.522		0.005			13.414	0.0	0.002			13.288	6
7	9.9		0.240		309.949		0.010			13.512		0.005			13.409	0.002				13.286	7
8	9.9		0.211		319.238		0.007			13.508		0.005			13.404	0.002				13.284	8
9	3.7		0.246		322.698		0.007			13.491		0.005			13.402	0.002				13.282	9
10			0.244		322.448		0.007			13.491		0.005			13.397	0.0	0.002			13.282	10
11	0.0		0.208		322.240		0.002			13.489		0.005			13.392	0.002				13.280	11
12	6.2		0.211		328.229		0.002			13.489		0.005			13.387	0.002				13.278	12
13	9.9		0.225		337.077		0.002			13.487		0.005			13.382	0.002				13.276	13
14	9.9		0.221		347.556		0.002			13.485		0.005			13.377	0.0	0.002			13.274	14
15	9.9		0.226		357.230		0.002			13.483		0.005			13.372	0.0	0.002			13.274	15
16	9.9		0.193		366.937		0.005			13.478		0.007			13.365	0.002				13.274	16
17	9.9		0.237		376.600		0.002			13.476		0.007			13.358	0.002				13.272	17
18	6.2	0.0	0.240		382.560		0.002			13.474		0.005			13.353	0.002				13.270	18
19	0.0	1.0	0.248		383.382		0.002			13.472		0.005			13.348	0.002				13.268	19
20		1.5	0.197		379.625		0.002			13.470		0.005			13.343	0.002				13.266	20
21		0.0	0.239		379.386		0.002			13.468		0.002			13.341	0.002				13.264	21
22		1.2	0.201		377.985		0.0			13.468		0.005			13.336	0.002				13.262	22
23		2.0	0.121		375.864		0.002			13.466		0.002			13.334	0.002				13.260	23
24		.7	0.123		375.041		0.002			13.464		0.005			13.329	0.002				13.258	24
25		0.0	0.127		374.914		0.002			13.462		0.005			13.324	0.0	0.002			13.258	25
26			0.132		374.782		0.002			13.460		0.008			13.322	0.002				13.256	26
27			0.229		373.553		0.005			13.458		0.002			13.317	0.002				13.254	27
28			0.233		374.314		0.005			13.453		0.005			13.312	0.002				13.252	28
29			0.200		374.114		0.005			13.448		0.005			13.307	0.002				13.250	29
30			0.209		373.905		0.005			13.443		0.002			13.305	0.002				13.248	30
31			0.164		373.741		0.002			13.440		0.002			13.303	0.002				13.246	31
TOTAL	215.1 ^c	6.4	5.745			360.0 ^b	0.298					0.140				1.2	1.2	0.097			TOTAL
DAY	FEBRUARY 1977					MARCH 1977					APRIL 1977					MAY 1977					DAY
1			0.002		13.244		0.145			573.786		0.356			869.906	15.9		0.367		983.112	1
2	0.0		0.002		13.242	7.9	0.218			579.468	3.5	0.445			872.961	14.6		0.367		997.345	2
3	17.7		0.009		30.989	7.9	0.218			585.150	3.5	0.445			876.018	13.9		0.400		1010.755	3
4	28.3		0.018		59.211	7.9	0.218			590.831	2.5	0.530			877.988	13.9		0.493		1026.162	4
5						7.9	0.220			596.511	0.0	0.583			879.565	10.2		0.431		1033.931	5
6	28.3		0.013		87.498	7.9	0.200			602.042	1.0	0.601			876.064	7.9		0.369		1041.462	6
7	28.3		0.035		115.763	7.9	0.200			607.646	7.6	0.591			883.073	6.7		0.245		1047.917	7
8	28.3		0.043		144.020	7.9	0.200			613.323	8.7	0.415			891.358	14.4		0.123		1052.194	8
9	28.3		0.026		172.294	8.5	0.075			621.748	8.0	0.246			899.112	18.4		0.124		1059.470	9
10	28.3		0.209		200.555	11.2	0.226			632.722	6.7	0.407			907.405	19.9		0.251		1101.119	10
11	28.3		0.067		228.768	11.9	0.229			644.393	3.0	0.481			907.984	20.2		0.190		1121.189	11
12	28.3		0.075		256.993	11.9	0.231			656.058	1.8	0.553			908.571	20.2		0.252		1131.071	12
13	28.3		0.082		285.211	11.9	0.234			667.728	1.2	0.626			909.309	20.2		0.188		1161.146	13
14	28.3		0.135		313.376	10.6	0.236			678.092	2.1	0.535			910.870	20.2		0.223		1181.023	14
15	28.3		0.146		341.530	9.9	0.238			687.754	3.8	0.600			914.070	20.2		0.584		1200.639	15
16	28.3		0.157		369.673	9.9	0.080			697.574	7.9	0.513			921.457	25.1		0.456		1229.283	16
17	28.3		0.168		397.805	15.8	0.245			717.129	11.1	0.502			932.055	26.7		0.659		1251.342	17
18	28.3		0.239		425.866	25.8	0.168			742.761	8.2	0.563			939.692	25.0		0.467		1279.897	18
19	28.3		0.248		453.814	25.8	0.258			768.303	5.1	0.687			944.169	24.2		0.605		1299.432	19
20	19.5		0.131		470.783	25.8	0.265			793.838	4.6	0.690			948.075	25.2		0.674		1323.978	20
21	16.5	0.0			487.283	18.3	0.0			811.779	4.6	0.614			952.061	27.2		0.740		1351.438	21
22	14.9		0.135		502.048	11.4	1.2			821.528	0.7	0.539			952.222	29.2		0.537		1379.101	22
23	11.4		0.068		513.380	9.9	0.361			839.067	0.0	0.664			951.558	25.7		0.334		1404.467	23
24	9.9		0.069		523.211	9.9	0.270			836.697	1.2	0.457			949.901	17.8		0.400		1421.867	24
25	11.5		0.209		534.502	9.9	0.090			844.507	3.3	0.513			946.088	13.9		0.597		1435.170	25
26	12.5		0.212		546.790	9.9	0.361			852.046	2.2	0.278			943.510	12.9		0.595		1447.475	26
27	12.5	0.0	0.143		559.147	9.9	0.452			859.494	0.2	0.434			942.876	12.5		0.656		1459.319	27
28	9.3	.5	0.216		567.731	6.9	1.2			862.894	0.0	0.0			942.605	13.8		0.712		1471.405	28
29						5.2	4.0			863.586	9.9	0.426			941.868	15.8		0.899		1487.306	29
30						5.2	4.0			864.518	15.9	0.183			947.579	16.5		0.889		1502.917	30
31						6.6	4.0			866.762					946.071	14.6		0.938		1516.579	31
TOTAL	557.7 ^b	.5	2.715			349.6 ^d	42.4														

Table C-2 (Cont'd)

HAMILTON DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY															
OCTOBER 1977																						NOVEMBER 1977					DECEMBER 1977					JUNE 1978				
1		13.3	0.189		294.157						9.9		0.036		175.658						1															
2		12.9	0.224		211.033						9.9		0.037		185.521						2															
3		12.9	0.253		197.860	0.0	0.0			0.0	9.9		0.039		195.382						3															
4		12.9	0.196		184.782	6.2	0.001			6.199	9.9		0.041		205.243						4															
5		12.9	0.148		171.734						9.9		0.043		215.098						5															
6		7.9	0.070		163.764	9.9	0.007			16.092	9.9		0.045		224.953						6															
7		3.7	0.137		159.987	9.9	0.012			25.980	9.9		0.047		234.806						7															
8		7.3	0.131		156.196	9.9	0.016			35.864	8.7		0.048		243.458						8															
9		9.9	0.123		142.473	9.9	0.020			45.748	9.2		0.050		252.608						9															
10		14.9	0.110		127.463	9.9	0.024			55.620	2.5		0.050		255.058						10															
11		17.9	0.119		109.444	9.9	0.043			65.477	0.5		0.100		255.458						11															
12		17.9	0.100		91.444	9.9	0.033			75.344	0.0	1.7	0.0		253.758						12															
13		14.8	0.067		76.577	9.9	0.019			85.225	0.0	0.2	0.050		253.508						13															
14		12.9	0.070		63.607	6.2	0.040			95.105	2.0		0.050		253.458						14															
15		12.9	0.056		50.651	1.5	0.040			92.045	2.0		0.050		257.408						15															
16		12.9	0.042		37.709	1.2	0.041			94.004	6.9		0.051		264.257						16															
17		7.9	0.082		24.787	0.7	0.041			94.653	16.1		0.046		280.331						17															
18		12.9	0.011		11.876	0.0	0.041			94.622	17.4		0.046		297.665						18															
19		9.8	0.001		2.075	5.0	0.058			89.564	12.2		0.046		309.819						19															
20		2.075	0.0		0.0	7.9	0.018			81.646	9.9		0.048		319.671						20															
21						0.0	0.017			79.929	9.9		0.048		329.523						21															
22		0.0				6.9	0.018			86.811	9.9		0.048		339.375						22															
23						9.9	0.021			96.690	13.6		0.048		352.877						23															
24						9.9	0.022			106.568	15.9		0.050		368.670						24															
25						9.9	0.024			116.444	13.4		0.050		382.029						25															
26						9.9	0.026			126.318	16.9		0.0		398.929						26															
27						9.9	0.028			136.190	19.8		0.041	-418.688	0.0						27															
28						9.9	0.030			146.060						5.0		0.073			256.000	28														
29						9.9	0.032			155.928						7.9		0.078			260.927	29														
30						9.9	0.034			165.794						7.9		0.085			268.749	30														
31																					276.564	31														
TOTAL	235.175	2.071				181.1	14.6	7.06			256.1	1.9	1.306	-418.688		20.8		0.236			TOTAL															
JULY 1978																						AUGUST 1978					SEPTEMBER 1978					FEBRUARY 1979				
1		7.9	0.095		284.359	4.0	0.219			466.977		4.0	0.419		435.893						1															
2		7.9	0.092		292.177	4.0	0.271			470.706		2.7	0.515		432.668						2															
3		7.9	0.104		299.973	4.0	0.284			474.422	0.0	3.2	0.420		429.048						3															
4		7.9	0.106		307.767	4.0	0.297			478.215	2.2	0.0	0.0		431.248						4															
5		7.9	0.108		315.559	4.0	0.312			481.993	6.0		0.0		437.848						5															
6		7.9	0.121		323.353	2.7	0.412			484.191	6.0		0.162		443.056						6															
7		7.9	0.134		331.104	0.7	0.362			484.549	6.0		0.195		448.891						7															
8		7.9	0.138		338.866	0.0	0.266			484.283	6.0		0.235		454.656						8															
9		7.9	0.157		346.609		0.297			483.986	4.7		0.237		459.119						9															
10		7.9	0.156		354.353		0.332			483.654	2.7		0.200		461.619						10															
11		7.9	0.133		362.120		0.279			483.375	2.0		0.202		463.417						11															
12		7.9	0.130		369.890		0.297			483.078	2.0		0.245		465.172						12															
13		7.9	0.160		377.630	0.0	0.317			482.761	2.0		0.206		466.966						13															
14		7.9	0.153		385.377	1.2	0.0			483.444	2.0		0.207		468.759						14															
15		7.9	0.157		393.120	0.7	1.2	0.364		482.780	2.0		0.289		470.470						15															
16		7.9	0.169		400.851	0.0	2.0	0.353		480.417	2.0		0.330		472.140						16															
17		7.9	0.188		408.553	2.0	0.389			478.028	2.0		0.290		473.850						17															
18		5.5	0.201		413.862	3.2	0.321			474.507	0.7		0.249		474.301						18															
19		4.0	0.186		417.676	4.0	0.337			470.170	0.0		0.249		474.052					0.0	19															
20		4.0	0.215		421.461	1.5	0.380			468.890	0.292		0.292		473.760	12.4		0.002			12.398	20														
21		4.0	0.183		425.278	0.0	0.329			467.961	0.293		0.293		473.467	19.8		0.004			32.194	21														
22		4.0	0.197		429.081	0.0	0.310			467.651	0.336		0.336		473.131	19.8		0.006			51.998	22														
23		4.0	0.236		432.848	0.0	0.289			467.362	0.359		0.359		472.793	19.8		0.015			71.773	23														
24		4.0	0.210		436.635	2.5	0.267			464.595	0.0	0.0	0.297		472.497	19.8		0.019			91.554	24														
25		4.0	0.122		440.513	2.7	0.316			461.577	1.2	0.340			470.957	19.8		0.022			111.332	25														
26		4.0	0.188		444.325	2.0	0.286			459.291	2.0	0.298			468.659	19.8		0.013			131.119	26														
27		4.0	0.205		448.120	2.0	0.335			456.956	2.0	0.280			466.379	18.6		0.029			149.690	27														
28		4.0	0.213		451.907	3.2	0.350			453.406	2.0	0.260			464.119	17.9		0.032			167.558	28														
29		4.0	0.202		455.705	4.0	0.371			449.835	3.2	0.305			461.861							167.558	29													
30		4.0	0.230		459.475	4.0	0.351			444.684	4.0	0.352			456.261								30													
31		4.0	0.239		463.236	4.0	0.382			440.302													31													
TOTAL	191.8	5.128				25.3	38.3	9.934			48.3	24.3	8.041			167.7		0.142			TOTAL															
MARCH 1979																						APRIL 1979					MAY 1979					JUNE 1979				
1		19.1	0.034		186.624	19.8	0.081			797.684		11.9	0.289		1300.327	0.0		0.134			299.464	1														
2		19.1	0.037		206.387	19.8	0.136			817.888		11.9	0.281		1311.946			0.130				299.334	2													
3		19.1	0.060		226.127	19.8	0.198			836.890		11.9	0.360		1323.486			0.117				299.217	3													
4		19.1	0.064		245.863	19.8	0.226			856.464	4.5		0.396		1327.590			0.104				299.113	4													
5		19.1	0.067		265.596	19.8	0.227			876.037	0.0		0.378		1327.212			0.112				299.001	5													
6		19.1	0.070		285.326	19.8	0.133			895.724			0.336		1326.876			0.123				298.878	6													
7		19.1	0.096		305.030	19.8	0.169			915.355			0.293		1326.673			0.103				298.775	7													
8		19.1	0.097		324.733	19.8	0.226			934.989			0.130		1326.523			0.128				298.647	8													
9		19.1	0.097		344.436	19.8	0.170			954.559			0.324		1326.199			0.129				298.518	9													
10		19.1	0.098		364.138	19.8	0.195			974.124			0.397		1325.802			0.138				298.380	10													
11		19.1	0.074		383.864	19.8	0.172			993.792			0.444		1325.558			0.155																		

Table C-2 (Cont'd)

HAMILTON DITCH

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
JULY 1979																						AUGUST 1979																						SEPTEMBER 1979																						OCTOBER 1979																					
1	6.7		0.185		410.198	9.9	0.376			355.234					9.271					0.004		5.019	1																																																																
2	4.7		0.167		414.731	9.9	0.373			344.961		3.5	0.006		5.765					0.005		5.014	2																																																																
3	4.0		0.155		418.576	9.9	0.322			334.739		2.0	0.003		3.762					0.003		5.011	3																																																																
4	4.0		0.159		422.417	9.9	0.315			324.524		2.0	0.002		1.760					0.004		5.007	4																																																																
5	4.0		0.156		426.261	9.9	0.339			314.285		0.7	0.001		1.059					0.004		5.003	5																																																																
6	4.0		0.178		430.083	9.9	0.306			304.079			0.001		1.058					0.004		4.999	6																																																																
7	4.0		0.192		433.891	9.9	0.369			293.810		0.0	0.001		1.057					0.004		4.999	7																																																																
8	4.0		0.216		437.675	9.9	0.360			283.550			0.001		1.056					0.003		4.998	8																																																																
9	4.0		0.261		441.434	9.9	0.304			273.266			0.001		1.055					0.004		4.998	9																																																																
10	4.0		0.252		445.192	12.4	0.272			262.974					1.054					0.003		4.995	10																																																																
11	4.0		0.191		448.900	13.9	0.197			252.777			0.001		1.053					0.001		4.982	11																																																																
12	4.0		0.230		452.771	13.9	0.200			242.477					1.052					0.002		4.980	12																																																																
13	4.0		0.260		456.511	13.9	0.202			232.175			0.001		1.051					0.002		4.978	13																																																																
14	4.0		0.271		460.240	13.9	0.213			221.862			0.001		1.050					0.002		4.975	14																																																																
15	4.0		0.305		463.935	13.9	0.178			211.544			0.001		1.049					0.003		4.973	15																																																																
16	4.0		0.343		467.592	13.9	0.167			201.217			0.001		1.048					0.003		4.970	16																																																																
17	4.0		0.308		471.284	5.2	0.082			170.835			0.001		1.047					0.003		4.967	17																																																																
18	2.7		0.309		473.675	7.4	0.155			163.280			0.001		1.046					0.003		4.964	18																																																																
19			0.368		477.607	11.9	0.177			153.203			0.001		1.045					0.002		4.962	19																																																																
20		1.7	0.187		465.040	13.1	0.129			137.974			0.001		1.044					0.002		4.960	20																																																																
21		7.9	0.207		456.933	13.9	0.115			123.959			0.001		1.043					0.002		4.958	21																																																																
22		7.9	0.299		448.744	13.9	0.101			109.958			0.001		1.042					0.003		4.955	22																																																																
23		7.9	0.267		440.577	13.9	0.088			95.970			0.001		1.041					0.003		4.952	23																																																																
24		7.9	0.385		432.352	13.9	0.075			81.955	0.0		0.001		1.040					0.003		4.949	24																																																																
25		7.9	0.320		424.132	13.9	0.066			68.033	2.5		0.003		3.537				0.0	0.002		4.947	25																																																																
26		7.9	0.316		415.916	13.9	0.061			54.072	1.5		0.003		5.034		8.7			0.002		13.645	26																																																																
27		9.2	0.273		406.443	13.9	0.096			40.106	0.0		0.003		5.031		12.6			0.009		26.836	27																																																																
28		9.9	0.302		396.242	13.9	0.090			26.006			0.003		5.028		10.7			0.012		36.904	28																																																																
29		9.9	0.351		385.991	8.9	0.032			17.294			0.002		5.026		9.9			0.015		46.809	29																																																																
30		9.9	0.323		375.768	6.0	0.010			11.284			0.003		5.023		9.9			0.027		56.682	30																																																																
31		9.9	0.358		365.510	6.0	0.005	+10.000		15.279							9.9			0.032		66.550	31																																																																
TOTAL	74.1	104.3	7.973			354.6	5.631	+10.000			4.0	34.2	0.056				61.7		0.173			TOTAL																																																																	
NOVEMBER 1979																						DECEMBER 1979																						JANUARY 1980																						FEBRUARY 1980																					
1	9.9		0.036		76.414		0.055			207.275			0.025		205.995					0.011		205.550	1																																																																
2	9.9		0.040		86.274		0.082			207.193			0.050		205.945					0.022		205.588	2																																																																
3	9.9		0.044		96.130		0.083			207.110			0.025		205.900					0.025		205.582	3																																																																
4	9.9		0.032		105.998		0.083			207.027			0.026		205.894					0.026		205.516	4																																																																
5	9.9		0.051		115.847		0.055			206.972			0.0		205.894					0.012		205.504	5																																																																
6	9.9		0.055		125.692		0.055			206.917			0.026		205.868					0.026		205.498	6																																																																
7	9.9		0.058		135.534		0.055			206.862			0.027		205.841					0.019		205.479	7																																																																
8	9.9		0.062		145.372		0.082			206.780			0.027		205.814					0.033		205.446	8																																																																
9	9.9		0.044		155.228		0.055			206.725			0.0		205.814					0.024		205.412	9																																																																
10	9.9		0.046		165.082		0.027			206.698			0.084		205.790					0.035		205.377	10																																																																
11	9.9		0.048		174.934		0.0			206.698			0.020		205.770					0.044		205.333	11																																																																
12	9.9		0.076		184.788		0.027			206.671			0.0		205.770					0.038		205.295	12																																																																
13	9.9		0.079		194.579		0.055			206.616			0.005		205.765					0.008		205.287	13																																																																
14	9.9		0.055		204.424		0.027			206.589			0.012		205.753					0.008		205.279	14																																																																
15	3.7		0.113		208.011		0.027			206.562			0.004		205.749					0.017		205.262	15																																																																
16	0.0		0.084		207.927		0.055			206.507			0.004		205.745					0.016		205.246	16																																																																
17			0.088		207.899		0.055			206.452			0.004		205.741					0.020		205.226	17																																																																
18			0.088		207.871		0.110			206.342			0.028		205.733					0.021		205.205	18																																																																
19			0.027		207.844		0.055			206.287			0.012		205.721					0.074		205.131	19																																																																
20			0.055		207.789		0.055			206.232			0.013		205.708					0.017		205.114	20																																																																
21			0.054		207.735		0.0			206.232			0.013		205.695					0.030		205.084	21																																																																
22			0.027		207.706		0.027			206.205			0.009		205.686					0.026		205.098	22																																																																
23			0.054		207.654		0.027			206.178			0.014		205.672					0.016		205.040	23																																																																
24			0.027		207.627		0.027			206.151			0.014		205.658					0.023		205.017	24																																																																
25			0.054		207.573		0.027			206.124			0.005		205.653					0.038		204.979	25																																																																
26			0.054		207.519		0.0			206.124			0.010		205.643					0.039		204.940	26																																																																
27			0.027		207.492		0.026			206.098			0.015		205.628					0.030		204.910	27																																																																
28			0.054		207.438		0.026			206.072			0.020		205.608					0.020		204.873	28																																																																
29			0.054		207.384		0.027			206.045			0.005		205.603					0.026		204.849	29																																																																
30			0.054		207.330		0.0			206.045			0.026		205.577					0.026		204.820	30																																																																
31							0.025			206.020			0.016		205.561							204.790	31																																																																
TOTAL	142.3		1.520			1.310							4.59						0.712			TOTAL																																																																	
MARCH 1980																						APRIL 1980																						MAY 1980																						JUNE 1980																					
1			0.011		204.838		0.052			203.820			0.027		202.345					0.061		200.637	1																																																																
2			0.017		204.821		0.052			203.768			0.069		202.276					0.060		200.577	2																																																																
3			0.011		204.810		0.053			203.715			0.058		202.218					0.059		200.518	3																																																																
4			0.023		204.787		0.020			203.659			0.082		202.136					0.050		200.458	4																																																																
5			0.011		204.776		0.007			203.608			0.070		202.066					0.059		200.399	5																																																																
6			0.011		204.765		0.046			203.642			0.059		202.007					0.056		200.343	6																																																																
7			0.033		204.732		0.040			203.6																																																																													

Table C-2 (Cont'd)

HAMILTON DITCH

DAY	JULY 1980					AUGUST 1980					SEPTEMBER 1980					FOOTNOTES					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1					287,000			0.170		307,259			6.0	0.141	203,142	a	15.8 acre-feet transferred from Foothill Ditch Company.			1	
2					287,000			0.179		307,080			6.0	0.143	196,999						2
3					287,000			0.170		306,920			6.0	0.144	190,955	b	26.3 acre-feet transferred from Foothill Ditch Company.			3	
4					287,000			0.156		306,754			6.0	0.155	184,700						4
5	0.0		0.0		287,000			0.159		306,595			8.4	0.135	176,165	c	1.2 acre-feet transferred from Foothill Ditch Company.			5	
6	2.5		0.101		289,399			0.163		306,432			8.7	0.144	167,321	d	12.0 acre-feet transferred from Foothill Ditch Company.			6	
7	4.0		0.103		293,296			0.161		306,271			9.2	0.105	158,026						7
8	1.5		0.104		294,692		0.0	0.165		306,106			8.7	0.105	149,211	e	13.6 acre-feet transferred from Foothill Ditch Company.			8	
9	0.0		0.096		294,596		1.2	0.182		304,724			7.9	0.094	141,217						9
10			0.101		294,495		3.2	0.183		301,341			9.2	0.101	131,916	f	79.9 acre-feet transferred from Foothill Ditch Company.			10	
11			0.110		294,385		2.7	0.179		298,462			9.9	0.091	121,925	g	360.0 acre-feet transferred to Tulare County Recreation Pool.			11	
12			0.102		294,283		3.2	0.174		295,088			9.9	0.082	111,943	h	376.0 acre-feet transferred from Foothill Ditch Company.			12	
13	0.0		0.124		294,159		4.0	0.169		290,919			9.9	0.083	101,960	i	292.8 acre-feet transferred from Foothill Ditch Company.			13	
14	1.3		0.217		295,262		4.0	0.135		286,784			9.9	0.066	91,994	j	96.9 acre-feet transferred from Foothill Ditch Company.			14	
15	2.0		0.132		297,110		4.0	0.115		282,669			9.9	0.047	82,047	k	1.0 acre-foot released for diversion by Foothill Ditch Company.			15	
16	2.0		0.143		298,967		4.0	0.132		278,537			9.9	0.048	72,099	l	210.9 acre-feet transferred from Foothill Ditch Company.			16	
17	2.0		0.122		300,845		4.0	0.141		274,396			9.9	0.051	62,148	m	13.8 acre-feet transferred from Foothill Ditch Company.			17	
18	2.0		0.124		302,721		4.0	0.133		270,263			9.9	0.045	52,203	n	13.9 acre-feet transferred from Foothill Ditch Company.			18	
19	2.0		0.127		304,594		4.0	0.110		266,133			9.9	0.019	42,284	o	14.9 acre-feet released for diversion by Foothill Ditch Company.			19	
20	2.0		0.153		306,441		4.0	0.141		262,012			9.9	0.025	32,359	p	1.9 acre-feet transferred from Foothill Ditch Company.			20	
21	2.0		0.181		308,260		4.0	0.133		257,879			9.9	0.028	22,441	q	39.2 acre-feet released for diversion in Foothill Ditch Company.			21	
22	0.7		0.173		308,787		4.0	0.118		253,761			9.9	0.010	12,511	r	0.4 acre-foot released for diversion by Foothill Ditch Company.			22	
23	0.0		0.145		308,642		4.0	0.134		249,627			9.9	0.003	2,628						23
24			0.177		308,465		4.0	0.137		245,470			2.628	0.0	0.0						24
25			0.113		308,352		4.0	0.158		241,312											25
26			0.167		308,185		4.0	0.136		237,176											26
27			0.170		308,015		4.0	0.141		233,035											27
28			0.183		307,832		5.2	0.147		227,688											28
29			0.164		307,668		6.0	0.131		221,357											29
30			0.095		307,573		6.0	0.146		215,431											30
31			0.144		307,429		6.0	0.148		209,283											31
TOTAL	23.9		3.471				93.5	4.646					207.428	1.855							TOTAL
DAY	FOOTNOTES (cont'd.)																				DAY
1	a Released because Fermanis Reservoir above allowable storage.																				1
2	b Transferred from Kaweah Delta Water Conservation District.																				2
3	c Storage adjusted to maximum allowable.																				3
4																					4
5																					5
6																					6
7																					7
8																					8
9																					9
10																					10
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25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL
DAY																					DAY
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
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28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL

Table C-2a

HAMILTON DITCH
FROM FOOTHILL DITCH

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
DAY	NOVEMBER 1977					DECEMBER 1977					JUNE 1978					JULY 1978					DAY
1						5.9		0.060		294,906						10.5		0.013		36,072	1
2						0.0		0.060		294,846						10.1		0.015		48,157	2
3								0.060		294,786						7.1		0.019		55,236	3
4								0.059		294,727						4.5		0.021		59,717	4
5								0.059		294,668						4.0		0.022		63,699	5
6								0.059		294,609						4.0		0.025		67,670	6
7								0.058		294,550						4.0		0.029		71,641	7
8	0.0	0.0	0.0	0.0				0.058		294,492						4.0		0.031		75,610	8
9	10.3	0.005						0.058		294,434						4.0		0.036		79,578	9
10	16.5	0.012						0.058		294,376						4.0		0.037		83,537	10
11	14.0	0.027				0.0		0.116		294,260						4.0		0.032		87,505	11
12	12.5	0.023				0.5		0.0		294,760						4.0		0.032		91,473	12
13	12.5	0.014				2.5		0.059		297,201						4.0		0.040		95,433	13
14	11.3	0.024				76,955	3.6	0.059		300,742						4.0		0.039		99,394	14
15	10.5	0.038				87,447	8.5	0.060		309,182						4.0		0.041		103,353	15
16	10.5	0.042				97,905	14.0	0.062		323,120						4.0		0.045		107,308	16
17	10.5	0.047				108,368	16.1	0.056		339,164						4.0		0.051		111,257	17
18	8.5	0.050				116,808	17.7	0.055		356,809						4.0		0.056		115,201	18
19	8.7	0.021				125,427	18.4	0.056		375,253						4.0		0.053		119,148	19
20	7.3	0.029				132,696	18.4	0.059		393,494						4.0		0.063		123,085	20
21	6.9	0.030				139,568	18.4	0.061		411,833						4.0		0.055		127,030	21
22	6.4	0.031				145,937	18.4	0.125		430,108						4.0		0.060		130,970	22
23	13.7	0.034				152,603	18.4	0.061		448,447						4.0		0.072		133,908	23
24	18.4	0.037				177,966	18.4	0.124		466,723						1.2		0.065		134,833	24
25	18.4	0.041				196,325	18.4	0.063		485,060						0.9		0.037		135,096	25
26	18.4	0.045				215,680	18.4	0.0		503,460						0.8		0.058		135,838	26
27	18.4	0.048				233,032	18.4	0.051	521.809	0.0	0.0	0.0	0.0	0.0	0.8		0.062		136,576	27	
28	18.4	0.052				251,380	0.0	0.0		0.0	6.6	0.008	6,598	0.0	0.8		0.065		137,311	28	
29	18.4	0.055				269,725				0.0	10.5	0.005	17,093	0.8	0.8		0.061		138,050	29	
30	18.4	0.059				288,066				0.0	10.5	0.008	27,585	0.8	0.8		0.069		138,781	30	
31											0.8			0.8		0.8		0.072		139,509	31
TOTAL	288.9	0.834				235.4		1.657	521.809 ^a		27.6		0.015			113.3		1.376			TOTAL
DAY	AUGUST 1978					SEPTEMBER 1978					FOOTNOTE					DAY					
1	0.8		0.078		140,231			0.138		143,331	a Released because Terminus Reservoir above allowable storage.					1					
2	0.8		0.081		140,950			0.171		143,160						2					
3	0.8		0.085		141,665			0.240		143,020						3					
4	0.8		0.062		142,403			0.0		143,020						4					
5	0.5		0.093		143,110	0.0		0.0		143,020						5					
6	0.8		0.122		143,788	11.5		0.056		154,464						6					
7	0.6		0.102		144,486	18.4		0.075		172,789						7					
8	0.3		0.079		144,707	0.0		0.089		172,700						8					
9	0.0		0.099		144,618			0.089		172,611						9					
10	0.0		0.099		144,519			0.075		172,536						10					
11	0.2		0.083		144,636			0.075		172,461						11					
12	0.4		0.089		144,947			0.091		172,370						12					
13	0.4		0.095		145,252			0.076		172,294						13					
14	0.1		0.095		145,297			0.076		172,218						14					
15	0.0		0.110		145,147			0.106		172,112						15					
16			0.109		145,038			0.120		171,992						16					
17			0.118		144,950			0.109		171,887						17					
18			0.098		144,822			0.090		171,797						18					
19			0.104		144,778			0.090		171,707						19					
20			0.117		144,641			0.106		171,601						20					
21			0.102		144,499			0.106		171,495						21					
22			0.096		144,403			0.122		171,373						22					
23			0.099		144,314			0.122		171,251						23					
24			0.083		144,231			0.107		171,144						24					
25			0.099		144,132			0.123		171,021						25					
26			0.090		144,042			0.109		170,912						26					
27			0.106		143,936			0.103		170,809						27					
28			0.111		143,825			0.096		170,713						28					
29			0.119		143,706			0.113		170,600						29					
30			0.113		143,593			0.132		170,468						30					
31			0.124		143,469											31					
TOTAL	7.0	3.040				29.9		2.901													TOTAL

Table C-3

CONSOLIDATED PEOPLES DITCH COMPANY

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
	OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976						
1	7.9		0.808		742.903	14.6	0.146	106.0295		106.0295	47.1	0.053			367.593					0.201	1387.758	1
2	7.9		0.692		750.151	24.8	0.285	650.168		650.168	71.4	0.062			138.911					0.203	1387.555	2
3	7.5		0.493		755.158	27.8	0.316	1006.994		1006.994	89.5	0.075			588.356					0.203	1387.352	3
4	4.0		0.660		758.498	30.3	0.406	976.888		976.888	89.5	0.175			617.681					0.203	1387.149	4
5	1.5		0.660		759.338	34.2	0.132	941.956		941.956	73.7	0.197			691.184					0.203	1386.946	5
6	0.0		0.660		758.678	37.7	0.0	906.256		906.256	65.5	0.109			756.575					0.204	1386.742	6
7	26.0		0.480		784.198	46.9	0.122	819.234		819.234	63.0	0.119			819.456					0.204	1386.538	7
8	41.7		0.319		825.379	51.1	0.0	808.134		808.134	57.8	0.127			877.129					0.204	1386.334	8
9	31.7		0.456		856.723	49.5	0.0	758.424		758.424	51.8	0.135			988.794					0.206	1386.127	9
10	30.8		0.188		887.341	50.8	0.103	707.521		707.521	49.6	0.142			978.252		13.6			0.206	1372.321	10
11	157.7		0.388		1044.653	51.6	0.191	655.730		655.730	48.4	0.149			1026.303		23.1	0.0		0.0	1419.221	11
12	171.6		0.644		1221.609	55.3	0.262	590.168		590.168	52.6	0.0			1079.103		21.3	0.0		0.0	1327.921	12
13	115.1		0.687		1336.022	60.0	0.236	519.932		519.932	54.3	0.0			1133.403		21.1	0.199		0.0	1406.622	13
14	92.0		0.718		1426.304	62.7	0.278	476.544		476.544	46.6	0.171			1181.832		21.8	0.197		0.0	1284.625	14
15	84.8		0.991		1510.113	64.7	0.241	442.013		442.013	46.9	0.178			1228.554		21.8	0.193		0.0	1262.152	15
16	15.1		0.744		1524.469	66.7	0.101	315.212		315.212	42.7	0.184			1271.070		23.1	0.382		0.0	1199.650	16
17		28.3	0.474		1495.445	67.4	0.041	277.771		277.771	38.4	0.190			1309.280		23.8	0.376		0.0	1241.974	17
18		33.5	0.729		1461.476	72.4	0.061	205.330		205.330	35.2	0.195			1344.889		21.6	0.368		0.0	1192.006	18
19		44.5	0.859		1346.523	77.9	0.038	147.372		147.372	33.7	0.401			1377.584		21.8	0.181		0.0	1170.025	19
20		52.1	0.872		1363.549	78.1	0.015	49.257		49.257	12.6	0.203			1389.981		29.3	0.356		0.0	1140.369	20
21			0.874		1306.715		14.1	35.147		35.147	0.0	0.406			1389.575		35.0	0.349		0.0	1105.020	21
22		56.0	0.596		1284.619	21.3	0.017	56.430		56.430	0.0	0.203			1389.372		41.9	0.340		0.0	1082.780	22
23		61.3	0.565		1186.754	19.8	0.023	76.207		76.207	0.0	0.0			1389.372		45.6	0.333		0.0	1016.849	23
24		67.2	0.533		1119.021	19.8	0.014	95.993		95.993	0.0	0.203			1389.169		44.4	0.320		0.0	972.289	24
25		70.7	0.500		1047.821	19.8	0.034	115.759		115.759	0.0	0.203			1388.966		41.2	0.155		0.0	930.934	25
26		56.5	0.157		991.164	21.1	0.041	136.818		136.818	0.0	0.203			1388.763		42.2	0.300		0.0	898.434	26
27	61.5		0.313		1022.251	36.7	0.026	173.968		173.968	0.0	0.201			1388.560		47.4	0.276		0.0	860.756	27
28	55.1		0.322		1107.139	36.7	0.0	209.052		209.052	0.0	0.201			1388.357		48.4	0.263		0.0	790.870	28
29		7.9	0.633		1098.596	50.3	0.0	279.392		279.392	0.0	0.201			1388.154		48.4	0.263		0.0	742.207	29
30		14.9	0.154		1083.542	41.2	0.046	320.546		320.546	0.0	0.201			1387.951		48.9	0.249		0.0	699.099	30
31		8.2	0.301		1075.041						0.0	0.201			1387.748		48.4	0.235		0.0	644.423	31
TOTAL	914.9	556.6	17.070			285.6	1036.7	3.395			1072.3	4.087				736.3	7.236				TOTAL	
	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976						
1	46.4		0.220		587.803	146.8	0.192	1532.172		1532.172	110.4	1.078			3689.827		341.2			3.448	8628.644	1
2	48.1		0.205		549.498	116.6	0.201	1648.571		1648.571	111.1	1.369			3799.592		358.1			3.490	9037.254	2
3	45.9		0.194		503.407	63.5	0.205	1711.866		1711.866	111.1	0.839			3909.806		349.9			3.933	9385.221	3
4	43.2		0.181		459.807	66.2	0.208	1777.858		1777.858	113.6	0.282			4023.114		340.8			3.977	9720.044	4
5	28.8		0.083		430.924	68.9	0.637	1846.121		1846.121	107.6	0.570			4130.174		325.6			3.922	10042.439	5
6	28.5		0.088		459.336	60.0	0.433	1905.688		1905.688	99.4	1.442			4228.132		292.6			2.863	10324.156	6
7	50.1		0.0		509.436	55.5	0.655	1960.533		1960.533	96.0	1.163			4322.969		260.4			4.131	10688.425	7
8	45.6		0.0		555.036	60.5	0.665	2020.368		2020.368	127.5	0.801			4419.585		251.2			5.409	10934.216	8
9	78.9		0.0		627.936	62.2	0.225	2082.343		2082.343	120.0	0.899			4519.390		301.6			5.445	11146.371	9
10	93.0		0.128		720.808	65.2	0.228	2147.345		2147.345	121.0	0.901			4629.148		321.4			5.073	11446.638	10
11	76.6		0.139		791.269	50.1	0.229	2197.186		2197.186	117.3	0.612			4816.171		342.7			4.680	11784.718	11
12	61.8		0.147		858.922	37.2	0.688	2233.698		2233.698	115.8	0.388			4934.043		403.7			7.276	12181.142	12
13	58.3		0.154		917.068	39.4	0.691	2272.407		2272.407	121.0	1.072			5053.971		453.6			8.173	12624.569	13
14	56.3		0.162		973.206	49.1	0.694	2320.813		2320.813	113.6	1.261			5166.310		464.1			7.801	13080.868	14
15	55.5		0.168		1028.538	68.4	0.700	2388.513		2388.513	117.8	0.956			5283.154		409.7			7.002	13483.566	15
16	51.8		0.174		1080.164	79.8	0.940	2467.373		2467.373	115.6	1.933			5396.821		369.5			7.051	13846.015	16
17	49.6		0.189		1129.585	92.5	1.193	2538.680		2538.680	104.9	1.948			5499.773		346.5			6.670	14185.845	17
18	29.8		0.363		1159.022	104.2	0.727	2622.153		2622.153	106.1	1.637			5604.236		305.5			5.826	14428.519	18
19	30.3		0.359		1189.139	93.5	0.284	2704.669		2704.669	119.0	2.326			5709.910		268.1			5.830	14743.749	19
20	30.3		0.185		1219.254	70.4	0.994	2824.075		2824.075	127.2	2.326			5825.804		246.3			5.891	14984.158	20
21	27.0		0.374		1245.880	65.2	1.000	2888.075		2888.075	218.5	2.356			6121.948		237.8			6.378	15215.201	21
22	24.1		0.376		1269.604	72.4	0.755	2959.520		2959.520	259.2	2.390			6354.758		216.8			5.424	15426.886	22
23	20.6		0.377		1289.827	60.5	0.758	3010.662		3010.662	254.4	2.314			6607.844		203.9			6.424	15624.362	23
24	18.6		0.378		1308.049	55.3	1.012	3073.950		30												

Table C-3 (Cont'd)

UNCONSOLIDATED PROPLER DITCH COMPANY

DAY	OCTOBER 1976					NOVEMBER 1976					DECEMBER 1976					JANUARY 1977					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1	101.2		0.776		3228.677	0.0	301.3	0.738		1604.419			0.151		429.863	6.0		0.076		439.314	1
2	128.0		1.111		1355.566	195.0	313.0	0.909		1145.510			0.142		429.721	17.1		0.156		456.298	2
3	130.7		1.126		3485.140	0.0	311.4	0.740		1103.370			0.153		429.570	56.0		0.055		512.373	3
4	97.2		1.539		3580.821		313.8	0.269		769.301			0.151		429.419	44.4		0.092		556.481	4
5	71.9		1.918		3650.803		316.4	0.382		420.519			0.150		428.268	22.1		0.095		578.486	5
6	61.3		2.075		3710.028	0.0	121.0	0.271		299.248			0.151		429.117	16.1		0.098		594.488	6
7	50.1		2.918		3757.210	7.2	0.0	0.222		306.226			0.151		428.966	15.1		0.100		609.488	7
8	40.7		2.503		3795.407	2.0		0.168		308.058			0.151		428.815	13.4		0.102		622.296	8
9	35.2		2.983		3827.684	0.7		0.168		308.590			0.151		428.740	10.7		0.103		633.383	9
10	32.5		2.982		3857.262	0.0		0.168		308.422			0.150		428.590	11.2		0.0		644.533	10
11	25.5		2.504		3880.258	0.0		0.056		308.366			0.150		428.440	10.7		0.106		655.177	11
12	23.1		2.502		3900.856	2.5		0.0		310.866			0.150		428.290	8.7		0.108		663.769	12
13	20.1		2.917		3935.039	2.7		0.057		313.509			0.150		428.140	7.9		0.108		671.561	13
14	16.6		2.498		3932.141	4.5		0.057		317.952			0.149		427.991	9.2		0.0		680.761	14
15	14.6		2.494		3954.247	9.7		0.059		327.593			0.149		427.842	9.9		0.0		690.661	15
16	12.6		2.077		3954.770	10.7		0.121		338.172			0.149		427.618	9.9		0.0		700.450	16
17	10.7		2.490		3962.980	12.4		0.063		350.509			0.224		427.394	11.2		0.113		711.537	17
18	9.9		2.487		3970.393	11.4		0.065		361.844			0.149		427.245	11.9		0.114		723.323	18
19	7.4		2.952		3975.311	11.2		0.066		372.978			0.149		427.096	14.4		0.114		737.608	19
20	6.0		2.066		3979.245	10.7		0.068		383.610			0.149		426.947	17.1		0.118		754.588	20
21	2.2		2.508		3978.937	9.9		0.070		393.440			0.074		426.873	17.9		0.121		772.367	21
22	5.0		2.119		3981.818	9.9		0.070		403.340			0.149		426.724	17.9		0.123		790.144	22
23	6.7		1.288		3987.230	6.7		0.073		411.967			0.074		426.650	15.4		0.126		805.418	23
24	0.0		1.308		3985.722	5.5		0.074		417.393			0.148		426.502	17.6		0.128		822.890	24
25	239.6	0.2	1.270		3744.852	4.0		0.075		421.318			0.148		426.354	17.4		0.0		840.290	25
26			1.185		3365.267	2.7		0.075		423.943			0.074		426.200	17.1		0.133		857.257	26
27			1.864		3043.503	3.2		0.075		427.068			0.147		426.133	15.4		0.135		872.520	27
28			2.758		2758.539	1.5		0.132		428.437			0.147		426.086	15.2		0.136		887.484	28
29			1.382		2470.517	1.2		0.132		429.465			0.147		425.939	14.6		0.140		901.944	29
30			1.223		2185.794	0.7		0.151		430.014		2.5	0.074		425.855	13.9		0.142		915.702	30
31			0.637		1906.457							5.2	0.075		433.390	12.6		0.144		928.158	31
TOTAL	909.2	2070.0	69.956			258.0	1728.9	5.543			7.7		4.324			457.9		3.132			TOTAL
DAY	FEBRUARY 1977					MARCH 1977					APRIL 1977					MAY 1977					DAY
1	11.9		0.116		939.912	29.3		0.358		1418.750	25.5		0.913		2231.308	123.3		2.154		5773.672	1
2	14.4		0.147		954.165	22.8		0.542		1441.008	26.5		1.149		2256.659	116.1		2.167		5887.605	2
3	13.4		0.298		967.267	18.6		0.548		1459.064	25.8		1.155		2281.304	111.8		2.210		5996.495	3
4	10.7		0.300		977.667	17.9		0.548		1476.436	27.0		1.398		2316.904	95.0		2.930		6088.565	4
5	7.4		0.551		984.767	16.6		0.551		1492.465	28.6		1.412		2364.094	89.0		2.576		6174.989	5
6	6.0		0.151		990.616	18.4		0.925		1509.940	77.6		1.673		2440.021	86.3		2.216		6259.073	6
7	7.2		0.300		997.516	19.8		0.745		1528.995	116.8		1.711		2555.110	77.1		1.483		6334.690	7
8	6.7		0.300		1003.916	21.1		0.563		1549.532	148.3		1.257		2702.153	78.4		0.744		6412.346	8
9	7.2		0.150		1010.966	24.3		0.189		1573.643	142.6		0.777		2843.976	92.5		0.573		6504.098	9
10	7.9		0.300		1018.566	25.8		0.371		1598.872	114.3		1.328		2956.948	91.8		1.504		6594.394	10
11	10.4		0.300		1028.666	23.3		0.576		1621.596	104.4		1.623		3059.725	104.7		1.132		6697.962	11
12	4.5		0.300		1032.866	23.5		0.580		1646.516	107.6		1.966		3165.399	108.9		1.518		6805.344	12
13	3.7		0.299		1037.267	26.5		0.586		1672.430	116.6		1.680		3280.319	100.2		0.750		6904.784	13
14	6.0		0.448		1041.819	22.1		0.590		1693.940	114.8		1.993		3393.126	91.0		1.910		6993.874	14
15	7.2		0.449		1048.570	19.8		0.593		1713.147	139.6		2.317		3530.409	105.9		2.450		7096.324	15
16	9.2		0.450		1057.320	27.3		0.198		1740.249	190.2		2.069		3718.540	138.1		3.691		7231.733	16
17	11.2		0.452		1068.068	25.5		0.602		1765.147	225.2		2.122		3941.618	123.5		2.729		7341.364	17
18	10.7		0.604		1078.164	21.8		0.404		1786.943	213.0		2.489		4158.129	93.5		3.865		7442.139	18
19	9.9		0.298		1087.408	21.8		0.688		1807.735	163.2		2.865		4312.464	100.2		3.507		7538.332	19
20	3.7		0.303		1090.855	20.6		0.611		1827.724	129.7		3.229		4436.933	135.2		3.906		7670.126	20
21	16.1		0.0		1106.955	23.6		0.818		1850.506	121.8		2.842		4577.793	202.9		4.314		7868.712	21
22	59.3		0.314		1165.941	33.2		1.034		1882.672	113.6		2.644		4688.749	247.8		4.537		8111.355	22
23	58.3		0.163		1224.078	42.7		0.838		1944.534	111.6		3.332		4777.017	244.8		1.989		8356.166	23
24	44.4		0.166		1268.312	45.6		0.636		1969.499	113.2		2.355		4893.962	225.7		2.412		8579.454	24
25	37.4		0.509		1305.203	45.6		0.216		2014.882	120.5		2.718		5011.744	194.7		3.650		8770.504	25
26	30.0		0.517		1334.686	39.4		0.871		2053.411	120.2		2.057		5139.887	171.9		3.675		8928.229	26
27	26.5		0.348		1360.838	35.7		1.099		2088.012	131.9		2.425		5269.362	164.0		4.096		9118.633	27
28	29.5		1.760		1399.808	38.2		0.887		2125.325	128.9		2.796		5399.466	215.5		4.537		9303.606	28
29																					

Table C-3 (Cont'd)

CONSOLIDATED PEOPLE DITCH COMPANY

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
	NOVEMBER 1977					DECEMBER 1977					JUNE 1978					JULY 1978					
1			0.012		25.295	17.4		0.041		201.892			162.4	7.834	23447.151	1					1
2			0.017		25.278	12.2		0.043		214.049			148.7	7.359	23281.092	2					2
3			0.017		25.261	6.2		0.044		220.205			158.7	7.977	23114.415	3					3
4			0.005		25.255	12.6		0.047		232.743			158.7	7.897	22947.816	4					4
5	8.0		0.008		23.947	11.7		0.049		244.409			158.7	7.817	22781.301	5					5
6	18.6		0.024		22.723	11.7		0.051		256.058			158.7	8.438	22614.163	6					6
7	13.1		0.029		65.794	13.9		0.054		269.904			146.3	9.099	22448.764	7					7
8	7.9		0.033		73.661	5.2		0.054		275.050			138.8	9.062	22310.908	8					8
9	6.7		0.036		80.325	1.2		0.054		276.196			138.8	10.044	22162.048	9					9
10	3.5		0.037		83.788	0.7		0.055		276.841			138.8	9.699	22013.568	10					10
11	2.0		0.057		85.731	1.2		0.109		277.932			138.8	8.050	21866.718	11					11
12	0.0		0.038		86.393	0.7		0.0		278.632			148.8	7.645	21710.273	12					12
13	0.7		0.019		86.374	0.0		0.055		278.777			144.8	9.144	21556.329	13					13
14			0.028		86.336	6.2		0.056		284.721			138.8	8.503	21409.026	14					14
15			0.037		86.899	31.0		0.062		315.659			138.8	8.329	21261.697	15					15
16			0.037		86.262	67.2		0.074		328.785			152.5	8.908	21100.289	16					16
17			0.037		86.225	267.3		0.107		649.978			184.3	9.642	20906.347	17					17
18			0.037		86.188	276.0		0.242		925.836			210.6	10.048	20655.699	18					18
19			0.056		86.132	132.4		0.159		1058.077			272.3	9.075	20384.324	19					19
20			0.019		86.113	69.7		0.168		1127.659			298.1	10.524	20076.000	20					20
21			0.018		86.095	59.0		0.174		1186.435			304.3	8.822	19763.178	21					21
22	3.7		0.019		89.776	63.7		0.363		1249.772			303.5	8.932	19509.746	22					22
23	14.6		0.024		104.394	158.0		0.333		1407.979			302.3	10.417	19238.029	23					23
24	13.6		0.025		117.949	162.7		0.416		1569.861			318.9	9.052	18810.077	24					24
25	9.9		0.027		127.802	99.4		0.217		1669.046			297.1	5.110	18507.867	25					25
26	12.4		0.029		140.173	204.6		0.241		1873.646			222.0	7.753	18278.114	26					26
27	12.6		0.032		152.741	615.8		0.0	-2489.205	0.0		99.2	6.637	18016.877	27					27	
28	13.1		0.034		165.807							158.7	6.249	17795.163	28					28	
29	11.4		0.036		177.171							164.9	7.229	17566.778	29					29	
30	7.4		0.038		184.533									6.872	16936.006	30					30
31														8.532	16598.274	31					31
TOTAL	160.1		0.874			2307.7		3.068	-2489.205			422.8	20.815			6793.1	266.011				TOTAL
	AUGUST 1978					SEPTEMBER 1978					FEBRUARY 1979					MARCH 1979					
1	376.4	8.981			16172.893	0.0		0.0		0.0				251.5	0.290	1575.112	1				1
2	380.7	9.081			15783.112	0.0		0.0		0.0				255.2	0.329	1829.983	2				2
3	411.4	9.132			15368.520	14.1		0.04		14.086				217.5	0.543	2046.940	3				3
4	433.5	8.464			14822.556	0.0		0.0		14.086				214.8	0.588	2261.152	4				4
5	437.1	9.387			14476.069	223.2		0.0		237.286				227.4	0.627	2487.925	5				5
6	447.1	11.939			14027.030	179.8		0.152		416.934				251.5	0.668	2748.757	6				6
7	463.5	9.569			13593.961	33.7	0.0	0.196		450.438				314.0	0.906	3051.801	7				7
8	491.3	7.153			13045.508	0.0	105.4	0.178		434.860				367.6	1.019	3418.382	8				8
9	526.3	7.674			12511.534	216.8	0.0	0.066		127.994				392.1	1.082	3809.400	9				9
10	537.2	8.202			11966.132	128.0		0.0		0.0				414.9	1.141	4223.159	10				10
11	543.1	6.580			11416.452	0.0		0.0		0.0				415.9	0.900	4648.159	11				11
12	577.3	6.666			10832.486									394.6	1.248	5013.511	12				12
13	551.8	6.704			10273.942									372.5	1.340	5402.671	13				13
14	528.0	6.364			9709.578									350.2	0.673	5752.198	14				14
15	526.0	6.879			9116.699									397.0	1.218	6147.980	15				15
16	588.4	6.430			8521.469									404.5	0.708	6551.772	16				16
17	578.6	6.465			7936.404									361.6	0.366	6913.006	17				17
18	567.2	4.982			7354.222									339.0	1.494	7240.512	18				18
19	573.4	4.662			6785.960									332.8	0.779	7582.933	19				19
20	568.2	5.043			6212.717						63.2	0.008	63.192	315.2	1.846	7896.577	20				20
21	596.2	3.943			5612.578						221.5	0.033	284.659	299.3	1.198	8194.689	21				21
22	629.4	3.929	+92.795		5022.670						180.5	0.057	289.2	284.5	1.204	8477.765	22				22
23	638.1	2.765			4431.825						150.5	0.147	694.155	274.0	2.039	8749.946	23				23
24	647.5	2.172			3782.153						136.2	0.170	630.185	270.6	2.057	9018.489	24				24
25	647.8	2.160			3132.193						189.2	0.193	959.192	273.5	2.490	9289.499	25				25
26	643.6	1.948			2487.045						133.9	0.107	1092.985	315.4	1.228	9603.641	26				26
27	641.6	1.353			1844.092						98.7	0.230	1191.455	485.6	2.099	10087.142	27				27
28	633.4	0.933			1209.759						132.7	0.253	1323.908	587.0	0.843	10671.299	28				28
29	622.6	0.477			576.682									505.9	1.699	11377.000	29				29
30	508.4	0.054			68.228									438.7	0.860	11615.340	30				30
31	68.2	0.0			0.0									392.1	2.161	12005.279	31				31
TOTAL	16483.7	167.341	+92.795			450.8	450.2	0.606			1325.1	1.198		10716.4	35.024						TOTAL
	APRIL 1979					MAY 1979					JUNE 1979					JULY 1979					
1	368.9	1.299			12372.880	367.0		4.695		21659.249	49.6	12.689		28310.620	464.7	9.095	20202.129	1			1
2	352.9	3.054			12722.726	367.0		4.707		21991.542	79.3										

Table C-3 (Cont'd)

CONSOLIDATED PEOPLE DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
AUGUST 1979																						SEPTEMBER 1979																						OCTOBER 1979																						NOVEMBER 1979																					
1		254.4	2.83		244.3493	35.2		0.706		788.612	26.3		1.115		1307.209	21.8		0.880		1872.398	1																																																																		
2		255.9	2.365		219.228	42.4		0.905		830.087	21.6		1.409		1327.400	18.1		0.881		1889.617	2																																																																		
3		259.7	1.852		192.616	36.5		0.770		855.837	15.4		0.551		1341.949	29.5		0.881		1918.236	3																																																																		
4		265.6	1.608		156.468	32.2		0.797		897.220	11.4		1.140		1352.009	52.6		0.889		1970.247	4																																																																		
5		265.4	1.500		139.568	31.2		1.028		927.392	9.9		1.143		1360.566	51.6		0.894		2000.953	5																																																																		
6		265.1	1.131		1123.337	28.5		1.096		954.836	6.2		1.144		1366.022	39.4		0.898		2059.455	6																																																																		
7		48.9	1.347		1073.090	34.0		1.039		987.747	5.2		1.145		1370.077	35.7		0.901		2094.254	7																																																																		
8	85.1		1.467		1156.723	26.5		0.893		1013.354	2.2		0.858		1371.419	38.2		0.906		2131.548	8																																																																		
9		23.4	1.260		1132.009	21.1		1.137		1033.317	0.0		1.141		1370.278	39.7		0.610		2170.638	9																																																																		
10		207.6	0.965		953.444	18.1		1.156		1050.251	0.855		0.855		1369.423	38.4		0.614		2208.428	10																																																																		
11		212.0	0.569		710.875	17.1		1.408		1065.953	0.855		0.855		1368.568	35.2		0.617		2213.007	11																																																																		
12		208.1	0.432		502.343	15.2		1.423		1076.730	0.569		0.569		1367.999	35.0		0.592		2277.075	12																																																																		
13		208.1	0.272		393.971	9.9		1.437		1085.193	0.569		0.569		1367.430	32.0		0.595		2308.140	13																																																																		
14		205.3	0.092	+170.0	258.579	9.9		1.207		1093.886	0.569		0.569		1366.861	0.0	6.2	0.622		2301.318	14																																																																		
15		211.0	0.044		47.535	3.7		1.453		1096.133	0.852		0.852		1366.009		21.6	1.233		2278.485	15																																																																		
16					0.0	0.0		1.455		1094.678	0.851		0.851		1365.158		6.7	0.920		2270.865	16																																																																		
17					47.377	1.456		1.456		1093.222	0.849		0.849		1364.309		0.0	0.304		2270.561	17																																																																		
18	47.4		0.023		113.969	1.215		1.215		1092.007	0.0		0.847		1363.462		0.0	0.302		2270.259	18																																																																		
19	66.7		0.108		123.454	0.572		0.572		1091.035	11.2		0.566		1374.096			0.302		2269.959	19																																																																		
20	67.4		0.234		250.620	0.973		0.973		1090.062	143.1		0.572		1316.624			0.597		2269.362	20																																																																		
21	62.4		0.290		312.730	1.224		1.224		1088.838	137.6		0.602		1653.622			0.588		2268.777	21																																																																		
22	57.0		0.341		369.389	1.227		1.227		1087.611	70.7		0.921		1723.401			0.299		2268.179	22																																																																		
23	53.1		0.387		422.102	1.227		1.227		1086.384	52.1		1.243		1774.258			0.592		2267.887	23																																																																		
24	47.9		0.429		469.573	0.961		0.961		1085.403	47.6		1.255		1820.603			0.235		2267.592	24																																																																		
25	45.6		0.469		514.704	53.3		1.008		1137.699	50.1		0.614		1870.061			0.587		2267.009	25																																																																		
26	44.4		0.635		558.469	60.5		0.787		1197.408	25.5		0.317		1895.244			0.587		2266.418	26																																																																		
27	42.4		0.345		600.324	29.5		0.801		1225.107	13.6		0.619		1881.025			0.299		2266.123	27																																																																		
28	39.2		0.788		636.800	18.6		1.813		1243.993	42.7		0.601		1937.724			0.595		2265.532	28																																																																		
29	40.2		0.460		678.540	17.9		0.544		1261.240	24.3		0.588		1812.836			0.594		2264.938	29																																																																		
30	39.2		0.643		717.095	21.6		0.825		1282.028	15.6		0.878		1827.558			0.593		2264.345	30																																																																		
31	37.7		0.677		754.118						24.8		0.880		1851.478						2263.751	31																																																																	
TOTAL	845.4	2938.1	23.669	+170.0		559.9		31.994			676.5	80.6	26.446			467.2	34.5	19.833			TOTAL																																																																		
DECEMBER 1979																						JANUARY 1980																						FEBRUARY 1980																						MARCH 1980																					
1			0.596		2263.749			0.270		2249.754			0.119		2244.904			0.119		2237.124	1																																																																		
2			0.896		2266.833			0.544		2249.210			0.245		2244.659			0.181		2236.943	2																																																																		
3			0.903		2261.950			0.274		2248.336			0.063		2244.596			0.121		2236.822	3																																																																		
4			0.601		2263.047			0.279		2248.457			0.065		2244.531			0.121		2236.701	4																																																																		
5					2262.446			0.0		2248.399					2244.399			0.121		2236.455	5																																																																		
6			0.601		2259.845			0.288		2248.369			0.067		2244.332			0.119		2236.336	6																																																																		
7			0.599		2259.246			0.292		2248.077			0.209		2244.123			0.158		2235.978	7																																																																		
8			0.899		2258.347			0.297		2247.780			0.357		2243.766			0.420		2235.558	8																																																																		
9			0.598		2257.749			0.0		2247.780			0.370		2243.396			0.423		2235.135	9																																																																		
10			0.300		2257.149			0.267		2247.513			0.384		2243.012			0.181		2234.994	10																																																																		
11			0.0		2257.149			0.223		2247.290			0.478		2242.534			0.304		2234.650	11																																																																		
12			0.300		2257.149			0.0		2247.290			0.417		2242.117			0.241		2234.409	12																																																																		
13			0.600		2256.549			0.052		2247.038			0.087		2241.030			0.299		2234.110	13																																																																		
14			0.300		2256.249			0.133		2247.105			0.090		2241.940			0.299		2233.811	14																																																																		
15			0.300		2255.949			0.043		2247.062			0.184		2241.756			0.299		2233.512	15																																																																		
16			0.600		2255.349			0.043		2247.019			0.177		2241.579			0.420		2233.092	16																																																																		
17			0.600		2254.749			0.043		2246.976			0.222		2241.357			0.301		2232.791	17																																																																		
18			1.200		2253.549			0.088		2246.888			0.231		2241.156			0.241		2232.550	18																																																																		
19			0.599		2253.950			0.135		2246.753			0.165		2240.323			0.422		2232.188	19																																																																		
20			0.599		2252.351			0.137		2246.616			0.190		2240.131			0.545		2231.583	20																																																																		
21			0.0		2252.351			0.142		2246.474			0.327		2239.804			0.243		2231.340	21																																																																		
22			0.300		2252.051			0.097		2246.377			0.264		2239.500			0.439		2230.847	22																																																																		
23			0.297		2251.754			0.148		2246.229			0.195		2239.325			0.562		2230.285	23																																																																		
24			0.297		2251.457			0.150		2246.079			0.291		2239.074			0.636		2229.647	24																																																																		
25			0.290		2251.167			0.052		2246.027			0.412		2238.662			0.065		2229.582	25																																																																		
26			0.0		2251.167			0.106		2245.921			0.421		2238.246			0.265		2229.317	26																																																																		
27			0.288		2250.879			0.162		2245.759			0.325		2237.916			0.406		2228.911	27																																																																		
28			0.290		2250.591			0.220		2245.590			0.307		2237.529			0.420		2228.434	28																																																																		
29			0.290		2250.301			0.056		2245.483			0.286		2237.243			0.620		2227.814	29																																																																		
30			0.0		2250.301			0.285		2245.198			0.285		2237.438			0.693		2227.121	30																																																																		
31			0.277		2250.024			0.173		2245.023								0.559		2226.562	31																																																																		
TOTAL			14.321					5.001					7.780					10.681			TOTAL																																																																		
APRIL 1980																						MAY 1980																						JUNE 1980																						JULY 1980																					
1			0.566		2225.996			0.296		2209.878			0.666		2191.207			0.0		26973.000	1																																																																		
2			0.572		2225.424			0.758		2209.120			0.653		2190.554			0.0		26973.000	2																																																																		
3			0.581		2224.843			0.630		2208.490			0.640		2189.914			0.0		26973.000	3																																																																		
4			0.218		2224.605			0.894		2207.596			0.657		2189.257			0.0		26973.000	4																																																																		
5			0.071		2224.534			0.766		2206.830			0.648		2188.609			0.0		26973.000	5																																																																		
6			0.595		2224.049			0.642		2206.188			0.636		2188.003			74.0	9.361	26889.239	6																																																																		
7			0.431		2223.618			0.633		2205.595		</																																																																											

Table C-3 (Cont'd)

CONSOLIDATED PEOPLES DITCH COMPANY

DAY	AUGUST 1980			SEPTEMBER 1980			FOOTNOTES			DAY		
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT		ADJUSTED STORAGE	
1	372.0	12.620			22767.221	494.8	4.727			6796.569	e 2638.737 acre-feet transferred from Farmers Ditch Company. b 15.403 acre-feet diverted to Oakes Ditch. c Transferred to Oakes Ditch. d Released because Terminus Reservoir above allowable storage. e Transferred from Sweeney Ditch. f Transferred from Oakes Ditch. g Transferred from Fleming Ditch. h Transferred from Farmers Ditch. i Storage adjusted to maximum allowable. j Transferred to Fleming Ditch (from Lower Kaseeh).	1
2	383.7	13.072			22370.449	473.9	4.578			6318.091		2
3	400.0	12.194			21958.253	458.3	4.412			5855.379		3
4	425.3	10.917			21522.038	460.8	4.515			5390.064		4
5	451.4	10.936			21059.702	488.4	3.750			4897.914		5
6	469.0	10.994			20579.748	499.0	3.774			4395.140		6
7	479.1	10.553			20090.095	499.7	2.587			3929.853		7
8	498.2	10.580			19581.315	330.8	2.497			3559.556		8
9	501.7	11.373			19068.044	229.4	2.235			3327.941		9
10	502.9	11.269			18594.075	231.4	2.366			3094.175		10
11	503.4	10.818			18079.963	239.5	2.121			2852.534		11
12	506.9	10.327	+292.409		17815.045	239.1	1.921			2611.533		12
13	517.3	10.067			17287.678	236.1	1.941			2373.492		13
14	531.7	7.875			16748.103	236.1	1.524			2135.868		14
15	545.1	6.578			16196.429	234.8	1.095			1899.973		15
16	447.9	7.433			15741.092	226.7	1.103			1672.170		16
17	502.2	7.802			15231.090	135.4	1.265			1535.502		17
18	513.9	7.211			14669.979	90.7	1.237			1443.565		18
19	560.5	5.805			14083.674	94.0	0.595			1346.970		19
20	554.0	7.292			13522.382	90.8	0.954			1297.216		20
21	558.0	6.703			12957.679	93.0	0.912			1163.304		21
22	571.9	5.747			12380.032	70.4	0.883			1092.021		22
23	575.6	6.315			11798.117	55.5	1.009			1035.512		23
24	579.6	7.180			11211.337	60.5	0.949			974.053		24
25	585.7	6.938			10618.699	49.9	0.893			923.270		25
26	573.6	5.766			10039.333	24.3	0.868			892.102		26
27	550.5	5.722			9463.111	5.2	0.862			892.040		27
28	546.6	6.023			8930.488	0.0	0.574			891.466		28
29	555.8	4.960			8369.722	0.0	0.727			890.739		29
30	544.1	4.579			7823.043	80.6	0.792			809.341		30
31	521.8	5.147			7296.096							31
TOTAL	15887.4	260.754	+292.409			6429.1	57.655				TOTAL	
DAY											DAY	
1											1	
2											2	
3											3	
4											4	
5											5	
6											6	
7											7	
8											8	
9											9	
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20											20	
21											21	
22											22	
23											23	
24											24	
25											25	
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27											27	
28											28	
29											29	
30											30	
31											31	
TOTAL											TOTAL	

Table C-4

CONSOLIDATED PEOPLES DITCH COMPANY
FROM SWEENEY DITCH STORAGE

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
JUNE 1977																					
1										64.369					62.770						1
2										64.323					62.702						2
3										64.279					62.637						3
4										64.239					62.565			0.0		0.0	4
5										64.199					62.506						5
6				45.387	45.387																6
7			0.024		45.363					64.155					62.471						7
8			0.028		45.335					64.105					62.425						8
9	0.0		0.018		45.317					64.060					62.378						9
10	6.2		0.006		51.511					64.011	12.4				62.336						10
11	9.9		0.017		61.394					63.964	7.0				62.299						11
12											0.0				62.262						12
13	3.7		0.029		65.065					63.916					62.225						13
14	0.0		0.029		65.036					63.865					62.188						14
15			0.029		65.007					63.813					62.151						15
16			0.029		64.978					63.760					62.114						16
17			0.033		64.945					63.706					62.077						17
18															62.040						18
19			0.031		64.914					63.666					62.002						19
20			0.035		64.879					63.613					61.965						20
21			0.030		64.849					63.560					61.928						21
22			0.030		64.819					63.513					61.891						22
23			0.026		64.793					63.462					61.854						23
24															61.817						24
25			0.035		64.758					63.410					61.780						25
26			0.042		64.716					63.353					61.743						26
27			0.042		64.674					63.306					61.706						27
28			0.038		64.636					63.259					61.669						28
29			0.038		64.598					63.196					61.632						29
30															61.595						30
31			0.040		64.558					63.137					61.558						31
TOTAL	19.8		0.778	45.387				1.573					61.995	0.841				39.7	39.639	0.061	
JULY 1977																					
AUGUST 1977																					
SEPTEMBER 1978																					
OCTOBER 1978																					
NOVEMBER 1978																					
DECEMBER 1978																					
TOTAL																					
FEBRUARY 1979																					
MARCH 1979																					
APRIL 1979																					
MAY 1979																					
TOTAL																					
JUNE 1979																					
JULY 1979																					
AUGUST 1979																					
SEPTEMBER 1979																					
OCTOBER 1979																					
NOVEMBER 1979																					
DECEMBER 1979																					
TOTAL																					
JANUARY 1980																					
FEBRUARY 1980																					
MARCH 1980																					
APRIL 1980																					
MAY 1980																					
JUNE 1980																					
JULY 1980																					
AUGUST 1980																					
SEPTEMBER 1980																					
OCTOBER 1980																					
NOVEMBER 1980																					
DECEMBER 1980																					
TOTAL																					

Table C-4 (Cont'd)

CONSOLIDATED PEOPLES DITCH COMPANY
FROM SWEENEY DITCH STORAGE

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
AUGUST 1980																					
1	6.7		0.139		238,000																1
2	6.7		0.143		244,557																2
3	6.7		0.139		251,118																3
4	6.7		0.131		257,607																4
5	6.7		0.137		264,290																5
6	6.7		0.144		270,906																6
7	6.7		0.146		277,360																7
8	6.7		0.153		283,907																8
9	6.7		0.173		290,434																9
10	2.5		0.178		292,756																10
11	0.0		0.175		292,581																11
12			0.172	-292,409	0.0																12
13																					13
14																					14
15																					15
16																					16
17																					17
18																					18
19																					19
20																					20
21																					21
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24																					24
25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL	62.8		1.823	-292,409																	TOTAL
AUGUST 1980																					
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8																					8
9																					9
10																					10
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28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL

Table C-5

CONSOLIDATED PEOPLES DITCH COMPANY
FROM FARMERS DITCH STORAGE

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE			
DAY	JULY 1977					AUGUST 1977										DAY							
1										779.049												1	
2										778.203													2
3										777.393													3
4										776.750													4
5										776.018													5
6										775.331													6
7										774.765													7
8										774.030													8
9										773.272													9
10										772.410													10
11										771.601													11
12										770.766													12
13										769.900													13
14										769.002													14
15										768.071													15
16										767.684													16
17						234.4				767.223													17
18						286.4				766.689													18
19						246.7				0.0													19
20																							20
21																							21
22																							22
23																							23
24																							24
25																							25
26																							26
27																							27
28																							28
29																							29
30																							30
31																							31
TOTAL																							TOTAL
DAY	JULY 1977					AUGUST 1977										DAY							
1																							1
2																							2
3																							3
4																							4
5																							5
6																							6
7																							7
8																							8
9																							9
10																							10
11																							11
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26																							26
27																							27
28																							28
29																							29
30																							30
31																							31
TOTAL																							TOTAL
DAY	JULY 1977					AUGUST 1977										DAY							
1																							1
2																							2
3																							3
4																							4
5																							5
6																							6
7																							7
8																							8
9																							9
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28																							28
29																							29
30																							30
31																							31
TOTAL																							TOTAL

Table C-6

FARMERS DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
OCTOBER 1975																						
1										0.004	25.654			0.004	25.499			0.004		25.339	1	
2										0.007	25.647			0.004	25.455			0.004		25.335	2	
3										0.011	25.636			0.004	25.431			0.004		25.333	3	
4										0.011	25.625			0.007	25.444			0.004		25.327	4	
5										0.004	25.621			0.007	25.437			0.004		25.323	5	
6										0.0	25.621			0.004	25.433			0.004		25.319	6	
7										0.004	25.617			0.004	25.429			0.004		25.315	7	
8										0.0	25.617			0.004	25.425			0.004		25.311	8	
9										0.004	25.613			0.004	25.421			0.004		25.307	9	
10	0.0	0.0								0.004	25.609			0.004	25.417			0.004		25.303	10	
11	0.7	0.003			8.697					0.007	25.608			0.004	25.413			0.0		25.303	11	
12	3.5	0.007			13.890					0.011	25.591			0.004	25.413			0.0		25.303	12	
13	0.0	0.007			13.883					0.011	25.580			0.0	25.413			0.004		25.299	13	
14		0.007			13.876					0.015	25.565			0.004	25.409			0.004		25.295	14	
15		0.009			13.867					0.015	25.550			0.004	25.405			0.004		25.291	15	
16		0.007			13.860					0.007	25.543			0.004	25.401			0.008		25.283	16	
17		0.007			13.853					0.004	25.539			0.004	25.397			0.008		25.275	17	
18		0.004			13.849					0.008	25.531			0.004	25.393			0.008		25.267	18	
19		0.004			13.843					0.008	25.523			0.007	25.386			0.004		25.263	19	
20		0.009			13.836					0.008	25.515			0.004	25.382			0.008		25.255	20	
21		0.009			13.827					0.008	25.507			0.007	25.375			0.008		25.247	21	
22		0.007			13.820					0.008	25.499			0.0	25.371			0.008		25.239	22	
23		0.007			13.813					0.008	25.491			0.0	25.371			0.008		25.231	23	
24		0.007			13.806					0.008	25.487			0.004	25.367			0.004		25.227	24	
25		0.007			13.799					0.008	25.479			0.004	25.363			0.004		25.223	25	
26		0.006			13.797					0.008	25.471			0.004	25.359			0.009		25.214	26	
27	7.4	0.005			21.190					0.004	25.467			0.0	25.359			0.009		25.205	27	
28	4.3	0.007			25.684					0.0	25.467			0.0	25.355			0.009		25.196	28	
29	0.0	0.015			25.669					0.0	25.467			0.004	25.351			0.009		25.187	29	
30		0.004			25.665					0.004	25.463			0.004	25.347			0.009		25.178	30	
31		0.007			25.658					0.004	25.463			0.004	25.343			0.009		25.169	31	
TOTAL	25.8	0.142						0.195						0.120				0.174			TOTAL	
FEBRUARY 1976																						
1		0.009			25.160	28.8		0.007		23.019			0.021	70.497	112.3			0.224		462.990	1	
2		0.009			25.151	27.3		0.009		23.110			0.021	70.472	123.1			0.266		467.784	2	
3		0.010			25.141	0.0		0.009		23.101			0.015	70.437	120.1			0.339		807.545	3	
4		0.0			25.141			0.008		23.093			0.005	70.452	112.4			0.376		919.569	4	
5		0.005			25.136			0.025		23.068			0.010	70.442	102.2			0.388		1021.441	5	
6		0.005			25.131			0.016		23.052			0.024	70.418	75.9			0.304		1097.037	6	
7		0.0			25.131			0.024		23.028			0.019	70.399	45.4			0.446		1141.991	7	
8		0.0			25.131			0.023		23.005			0.014	70.385	39.1			0.589		1180.502	8	
9		0.0			25.131			0.008		23.007			0.014	70.371	82.5			0.618		1262.384	9	
10		0.004			25.127			0.008		23.009			0.014	70.357	102.1			0.604		1363.880	10	
11		0.004			25.123			0.007		23.022			0.009	70.348	116.4			0.588		1479.692	11	
12		0.004			25.119			0.022		23.060			0.013	70.335	160.3			0.979		1639.013	12	
13		0.004			25.115			0.022		23.038			0.015	70.320	195.2			1.187		1813.026	13	
14		0.004			25.111			0.021		23.017			0.017	70.303	202.9			1.213		2034.713	14	
15		0.004			25.107			0.021		23.036			0.013	70.290	162.5			1.140		2396.075	15	
16		0.004			25.103			0.025		23.069			0.025	70.265	133.7			1.186		2308.587	16	
17		0.004			25.099			0.033		23.036			0.025	70.240	117.1			1.149		2444.535	17	
18		0.004			25.095			0.019		23.017			0.024	70.219	88.5			1.018		2332.050	18	
19		0.004			25.087			0.025		23.002			0.028	70.191	50.4			1.028		2581.392	19	
20		0.004			25.083			0.025		23.007			0.028	70.163	32.1			1.026		2612.466	20	
21		0.008			25.075			0.024		23.043	11.9		0.032	82.031	23.3			1.104		2634.662	21	
22		0.007			25.068			0.018		23.023	41.4		0.046	123.385	7.1			.940		2640.822	22	
23		0.007			25.061			0.018		23.007	41.0		0.028	164.367	0.0			1.059		2639.737	23	
24		0.007			25.054			0.023		23.004	59.4		0.039	216.038	0.0			1.000		2636.737	24	
25		0.004			25.050			0.017		23.067	83.3		0.135	299.203	0.0			0.0		0.0	2636.737	25
26		0.007			25.043			0.028		23.039	60.3		0.139	359.344	0.0					0.0	2636.737	26
27		0.007			25.036			0.023		23.018	14.7		0.152	373.882	0.0					0.0	2636.737	27
28		0.007			25.029			0.022		23.006	0.0		0.160	382.462	0.0					0.0	2636.737	28
29		0.003			25.026			0.025		23.021	9.8		0.160	450.874	0.0					0.0	2636.737	29
30					25.021			0.032		23.049	68.6		0.188							0.0	2636.737	30
31					25.016			0.031		23.018										0.0	2636.737	31
TOTAL		0.143				46.10		0.608			381.9		1.544					2206.60	2636.737	15.737	TOTAL	
MARCH 1976																						
1					23.019			0.007		23.019			0.021	70.497	112.3			0.224		462.990	1	
2					23.110			0.009		23.110			0.021	70.472	123.1			0.266		467.784	2	
3					23.101			0.009		23.101			0.015	70.437	120.1			0.339		807.545	3	
4					23.093			0.008		23.093			0.005	70.452	112.4			0.376		919.569		

Table C-6 (Cont'd)

FARMERS DITCH COMPANY

DAY	MAY 1977					JUNE 1977					JULY 1977					AUGUST 1977					DAY			
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE				
1			0.008		21.233	97.4		0.265		411.988			0.508		798.874									
2			0.008		21.225	84.7		0.254		496.034			0.570		796.304									
3			0.010		21.235	61.4		0.304		597.210			0.547		797.757									
4			0.010		21.205	34.6		0.361		591.349			0.494		797.263									
5			0.009		21.196	8.9		0.294		599.955			0.501		796.762									
6			0.008		21.188	0.0		0.312		599.643			0.541		796.221									
7			0.005		21.183			0.375		599.268			0.615		795.606									
8			0.002		21.181			0.240		599.088			0.559		795.047									
9			0.002		21.179	81.7		0.073		606.655			0.603		794.444									
10			0.005		21.174	98.0		0.218		778.439			0.580		793.864									
11			0.004		21.170	29.4		0.334		807.505			0.591		793.273									
12			0.005		21.165	0.0		0.359		807.146			0.637		792.636									
13			0.002		21.163			0.356		806.790			0.648		792.046									
14			0.006		21.157			0.354		805.436			0.661		791.397									
15			0.010		21.147			0.407		806.089			0.674		790.653									
16			0.008		21.139			0.379		805.650			0.497		790.156	0.0	0.0		0.0					
17			0.011		21.128			0.432		805.218			0.664		789.492	89.3	0.015		0.0	89.289				
18			0.008		21.120			0.378		804.840			0.639		788.853	56.5	0.082		0.0	145.763				
19			0.010		21.110			0.377		804.463			0.612		788.241	1.8	0.082		0.0	147.941				
20		0.0	0.011		21.099			0.324		804.139			0.627		787.614	0.0	0.022		0.0	147.719				
21	13.3		0.019		34.380			0.434		803.705			0.643		786.971	0.0	0.022		0.0	147.497				
22	36.7		0.008		71.052			0.517		803.188			0.703		786.268	0.0	0.043		0.0	147.454				
23	32.0		0.005		103.027			0.519		802.669			0.631		785.637	1.5	0.080		0.0	146.934				
24	11.8		0.032		114.795			0.467		802.202			0.648		784.989	0.9	0.040		0.0	146.794				
25	1.8		0.049		116.546			0.469		801.733			0.665		784.384	0.0	0.019		0.0	146.734				
26	0.0		0.048		116.498			0.500		801.233			0.732		783.592	42.3	0.0		0.0	146.075				
27	0.0		0.052		116.446			0.534		800.699			0.658		782.940	199.0	0.038		-391.037	0.0				
28	10.4		0.062		126.784			0.425		800.274			0.728		782.218									
29	40.5		0.101		167.183			0.403		799.871			0.797		781.421									
30	62.8		0.136		229.847			0.495		799.376			0.877		780.544									
31	84.8		0.194		314.433								779.866	0.0										
TOTAL	294.1		0.888			496.1		11.177					19.510	779.866 ^b		391.3		0.263	-391.037 ^c		TOTAL			
DAY	JUNE 1978					JULY 1978					AUGUST 1978					SEPTEMBER 1978					DAY			
1					18.6			4.099		12269.771			305.5		4.140			7454.571			0.0	0.096		99.511
2					13.6		0.0	3.882		12279.489			309.3		4.109			7141.162			0.0	0.119		99.398
3					0.0		29.5	4.226		12295.763			335.0		4.070			6808.092			0.0	0.097		99.295
4					60.8		4.192			12180.771			355.4		2.791			6443.901			81.8	0.0		121.095
5					48.9		4.161			12127.710			370.3		3.936			6069.665			346.7	0.0		92.795
6						16.6	4.517			12126.593			388.1		4.835			5676.730		265.4	0.0	0.290		287.909
7					2.7	4.902				12098.991			402.3		3.724			5270.706		52.1	67.0	0.308		777.667
8					26.8	4.901				12067.290			412.9		2.662			4895.144			193.9	0.332		583.465
9					23.1	5.456				12028.794			416.5		2.723			4435.923			293.1	0.150		890.215
10					28.0	5.285				12009.449			416.5		2.793			4016.670			290.2	0.0		0.0
11					69.9	4.392				11931.157			416.5		2.074			3998.096			0.0			
12					117.8	4.158				11869.199			416.5		1.977			3179.639						
13					109.2	4.962				11809.037			416.5		1.863			2761.356						
14					67.5	4.618				11626.919			416.5		1.536			2343.290						
15					75.4	4.632				11546.887			416.5		1.453			1925.337						
16					108.4	4.827				11433.660			416.5		1.198			1507.699						
17					138.4	5.207				11290.053			416.5		0.888			1090.311						
18					184.8	5.397				11099.856			416.5		0.495			673.396						
19					224.9	4.839				10970.117			416.5		0.218			266.602						
20					243.5	5.410				10621.207			356.2		0.021			100.391						
21					246.8	4.471				10369.936			0.0	0.070				100.321						
22					247.3	4.646				10117.990				0.066				100.255						
23					247.9	5.369				9864.721				0.062				100.193						
24					260.4	4.620				9599.701				0.098				100.135						
25					244.3	2.982				9352.819				0.069				100.066						
26					194.2	3.883				9154.736				0.062				100.004						
27					209.8	4.088				8940.848				0.073				99.931						
28		3.398			12262.602					8672.353				0.077				99.854						
29		3.581			12259.021					8475.050				0.082				99.772						
30		3.751			12255.270					8071.512				0.079				99.693						
31					303.3	4.001				7764.211				0.086				99.607						
TOTAL		10.730				32.2	433.7	139.559					7616.5	48.104				746.0		844.2	1.392			TOTAL
DAY	FEBRUARY 1979					MARCH 1979					APRIL 1979					MAY 1979					DAY			
1					91.2			0.156		848.527			133.5		0.500			4764.464			367.8			9960.318
2					84.0			0.168		932.359			119.1		1.172			4882.392			306.5			2.162
3					45.9			0.299		978.000														

Table C-6 (Cont'd)

FARMERS OILCH COMPANY

DAY	JUNE 1979					JULY 1979					AUGUST 1979					OCTOBER 1979					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1		91.5	6.732		15001.002	314.0	4.853			10776.547	363.1	2.724			2577.099						1	
2	64.3	11.2	6.514		15003.308	315.1	4.198			10439.049	363.1	2.293			2211.606						2	
3			5.692		15061.916	335.4	3.788			10099.901	363.1	1.778			1846.728						3	
4	100.7		5.261		15157.355	332.0	3.682			9764.219	363.1	1.439			1482.109						4	
5	126.5		5.701		15276.154	332.2	3.452			9426.567	363.1	1.206			1117.803						5	
6																						6
7	152.6		6.373		15424.581	331.5	3.757			9093.310	363.3	0.759			753.824						7	
8	136.4		5.369		15555.612	331.4	3.873			8756.037	363.5	0.489			389.835						8	
9			6.709		15595.003	331.5	4.163			8422.374	290.3	0.177			139.358						9	
10		26.0	6.725		15622.277	331.7	4.782			8085.892	139.358	0.0			0.0						10	
11		46.6	7.168		15906.509	329.2	3.871			7752.821	0.0				0.0						11	
12																						12
13	50.8		8.053		15949.656	328.0	3.196			7421.665											13	
14	50.1		6.945		15392.811	328.2	3.596			7089.869											14	
15	71.9		5.485		15315.426	324.6	3.849			6761.420											15	
16	139.8		5.069		15179.557	322.3	3.786			6435.334											16	
17	177.6		4.873		14988.094	322.4	4.016			6108.918											17	
18																						18
19	192.9		5.090		14790.094	322.4	4.242			5782.276											19	
20	211.2		3.980		14574.654	322.3	3.865			5456.411											20	
21	240.6		5.060		14358.954	322.2	3.342			5130.869											21	
22	258.9		5.037		14065.017	347.2	3.530			4780.139											22	
23	254.5		5.041		13805.476	362.3	1.772			4416.067											23	
24																						24
25	258.7		5.392		13341.384	362.3	1.832			4051.935												25
26	263.8		4.501		13273.083	362.3	2.372			3687.263												26
27	246.2		4.677		13021.906	362.3	2.012			3322.951												27
28	238.6		5.282		12775.026	362.4	2.226			2958.325												28
29	243.8		5.014		12529.212	350.1	1.969			2606.256												29
30																						30
31	277.2		4.344		12267.668	342.8	1.716			2261.740												31
1	271.1		4.703		11991.665	355.4	1.279			1905.061												1
2	283.2		4.648		11703.817	362.0	1.172	+2500.0		1601.089												2
3	296.4		4.187		11403.290	368.9	3.340			1305.849												3
4	301.5		4.330		11097.400	363.1	2.845			1000.904												4
5						363.1	2.881			2942.923												5
TOTAL	627.0	4485.1	163.754			10595.6	98.877	+2500.0			2931.952	10.965				5.9		0.089				TOTAL
DAY	NOVEMBER 1979					DECEMBER 1979					JANUARY 1980					FEBRUARY 1980					DAY	
1			0.003		5.868	0.002			5.808	0.001		5.766			0.0				5.756	1		
2			0.003		5.868	0.002			5.806	0.001		5.765			0.001				5.755	2		
3			0.003		5.862	0.002			5.804	0.001		5.764			0.0				5.755	3		
4			0.002		5.860	0.002			5.800	0.001		5.763			0.001				5.755	4		
5			0.003		5.857	0.002			5.800	0.001		5.763			0.0				5.755	5		
6																						6
7			0.003		5.894	0.002			5.798	0.001		5.762			0.0				5.755	7		
8			0.003		5.891	0.002			5.796	0.001		5.761			0.001				5.754	8		
9			0.002		5.889	0.002			5.794	0.001		5.760			0.001				5.753	9		
10			0.002		5.887	0.002			5.792	0.001		5.760			0.001				5.752	10		
11			0.002		5.885	0.001			5.791	0.001		5.759			0.001				5.751	11		
12			0.002		5.843	0.0			5.791	0.001		5.758			0.001				5.750	12		
13			0.002		5.841	0.001			5.790	0.0		5.758			0.001				5.749	13		
14			0.002		5.839	0.002			5.788			5.758			0.0				5.749	14		
15			0.002		5.837	0.001			5.787			5.758							5.749	15		
16			0.003		5.834	0.001			5.786			5.758							5.749	16		
17			0.002		5.832	0.002			5.784			5.758			0.0				5.749	17		
18			0.001		5.831	0.002			5.782			5.758			0.001				5.748	18		
19			0.001		5.830	0.003			5.779			5.758			0.001				5.747	19		
20			0.001		5.829	0.002			5.777			5.758			0.002				5.745	20		
21			0.002		5.827	0.002			5.775			5.758			0.0				5.745	21		
22			0.002		5.825	0.0			5.775			5.758			0.001				5.744	22		
23			0.001		5.824	0.001			5.774			5.758			0.001				5.743	23		
24			0.002		5.822	0.001			5.773			5.758			0.0				5.743	24		
25			0.001		5.821	0.001			5.772			5.758			0.001				5.742	25		
26			0.002		5.819	0.001			5.771			5.758			0.001				5.741	26		
27			0.002		5.817	0.0			5.771			5.758			0.001				5.740	27		
28			0.002		5.816	0.001			5.770			5.758			0.001				5.739	28		
29			0.002		5.814	0.001			5.769	0.0		5.757			0.001				5.738	29		
30			0.002		5.812	0.001			5.768	0.0		5.757			0.001				5.737	30		
31			0.002		5.810	0.0			5.767	0.0		5.756			0.001				5.737	31		
TOTAL			0.061			0.043					0.011					0.019					TOTAL	
DAY	MARCH 1980					APRIL 1980					MAY 1980					JUNE 1980					DAY	
1					5.737	0.001			5.709	0.001		5.668			0.002				5.620	1		
2					5.737	0.001			5.708	0.002		5.666			0.002				5.618	2		
3			0.0		5.737	0.001			5.707	0.002		5.666			0.002				5.616	3		
4			0.001		5.736	0.001			5.706	0.002		5.662			0.002				5.614	4		
5			0.0		5.736	0.0			5.706	0.002		5.660			0.002				5.612	5		
6																						6
7			0.001		5.736	0.001			5.705	0.002		5.658			0.002				5.610	7		
8			0.001		5.735	0.001			5.704	0.002		5.656			0.002				5.608	8		
9			0.001		5.734	0.001			5.703	0.002		5.654			0.002				5.607	9		
10			0.0		5.733	0.001			5.703	0.0		5.654			0.002				5.604	10		
11			0.001		5.733	0.001			5.700	0.001		5.653			0.002				5.602	11		
12																						12
13			0.001		5.732	0.002			5.698	0.001		5.652			0.002				5.600	13		
14			0.001		5.731	0.002			5.696	0.001		5.651			0.002				5.598	14		
15			0.001		5.730	0.002			5.694	0.001		5.650			0.002				5.596	15		
16			0.001		5.729	0.002			5.692	0.001		5.649			0.002				5.594	16		
17																						

Table C-6 (Cont'd)

FARMERS DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
JULY 1980					AUGUST 1980					SEPTEMBER 1980					FOOTNOTES					DAY	
1					13750.000	219.5	7.009			12645.560		257.9	2.269		3266.838	a	Transferred to Peoples Ditch Company.				1
2					13750.000	221.8	7.255			12416.205		257.9	2.175		3005.762	b	Transferred to Consolidated Peoples Ditch Company.				2
3					13750.000	224.8	6.761			12174.644		257.9	2.067		2742.795	c	Released because Terminus Reservoir above allowable storage.				3
4					13750.000	250.0	6.046			11918.598		257.9	2.080		2482.815	d	Transferred from Consolidated Peoples Ditch Company.				4
5					13750.000	262.2	6.050			11650.348		257.9	1.702		2223.213	e	Storage adjusted to maximum allowable.				5
6	91.8		4.817		13836.983	272.1	6.053			11372.195		257.9	1.686		1963.627						6
7	153.1		4.897		13985.186	280.7	5.823			11085.672		257.9	1.133		1704.594						7
8	156.8		4.978		14137.008	299.8	5.824			10780.048		257.9	1.014		1445.680						8
9	110.9		4.645		14284.263	328.1	6.229			10445.719		245.5	0.798		1199.382						9
10	73.4		4.896		14311.767	343.0	6.132			10096.587		238.1	0.734		960.548						10
11	58.8		5.346		14365.221	331.6	5.849			9759.138		238.1	0.537		721.911						11
12	48.6		4.987		14408.834	325.9	5.556			9427.682		225.7	0.365		495.846						12
13	23.3		6.076		14426.058	332.4	5.293			9089.989		218.2	0.227		277.419						13
14		11.2	5.694		14409.164	342.7	4.111			8743.178		199.6	0.955		77.764						14
15		31.2	6.369		14371.595	347.2	3.409			8394.969		77.76	0.0		0.0						15
16		24.6	6.898		14340.137	347.2	3.797			8041.572											16
17	19.3		5.844		14353.593	341.0	3.943			7696.509											17
18	25.5		5.910		14373.183	324.9	3.627			7368.102											18
19		26.2	5.968		14341.015	317.4	2.905			7047.797											19
20		66.4	7.137		14267.478	317.4	3.628			6726.769											20
21		69.2	8.320		14189.958	317.4	3.314			6406.055											21
22		55.6	7.915		14126.443	305.0	2.831			6098.224											22
23		57.0	6.613		14052.830	297.6	3.103			5797.221											23
24		67.7	8.033		13987.097	297.6	3.520			5496.403											24
25		91.3	5.086		13990.711	297.6	3.395			5195.406											25
26		106.9	7.457		13776.354	297.6	2.811			4894.995											26
27		121.5	7.510		13647.344	285.2	2.780			4607.015											27
28		142.6	8.008		13496.736	277.8	2.918			4326.297											28
29		171.8	7.102		13317.834	277.8	2.401			4046.096											29
30		209.3	4.051		13104.483	277.8	2.204			3766.092											30
31		226.7	6.014		12871.769	240.6	2.485			3523.007											31
TOTAL	761.5	1479.2	160.531			9211.7	137.062					3506.16	16.843								TOTAL
DAY																					DAY
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8																					8
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26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL

Table C-7 (Cont'd)

TULARE IRRIGATION DISTRICT
TRANSFERRED FROM HAWKEYE DITCH

DAY	JANUARY 1979					FEBRUARY 1979					MARCH 1979					APRIL 1979					DAY		
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE			
1			0.072		526.719			0.077		524.989			0.096		522.317			0.095		519.246	1		
2			0.072		526.647			0.079		524.910			0.094		522.293			0.125		519.121	2		
3			0.072		526.575			0.082		524.828			0.138		522.085			0.122		518.999	3		
4			0.072		526.503			0.085		524.743			0.136		521.949			0.137		518.862	4		
5			0.072		526.431			0.089		524.654			0.132		521.817			0.134		518.728	5		
6			0.072		526.359			0.092		524.562			0.127		521.690			0.065		518.663	6		
7			0.072		526.287			0.095		524.467			0.163		521.527			0.096		518.577	7		
8			0.0		526.207			0.095		524.372			0.155		521.372			0.125		518.442	8		
9			0.071		526.216			0.093		524.279			0.148		521.224			0.093		518.349	9		
10			0.071		526.145			0.090		524.189			0.140		521.084			0.106		518.243	10		
11			0.0		526.115			0.090		524.099			0.101		520.983			0.090		518.153	11		
12			0.060		526.085			0.180		523.919			0.129		520.854			0.089		518.064	12		
13			0.116		525.969			0.089		523.830			0.129		520.725			0.117		517.947	13		
14			0.0		525.969			0.076		523.754			0.061		520.664			0.143		517.804	14		
15			0.0		525.969			0.148		523.666			0.087		520.577			0.154		517.690	15		
16			0.0		525.969			0.073		523.533			0.056		520.521			0.137		517.513	16		
17			0.066		525.903			0.144		523.389			0.028		520.493			0.094		517.419	17		
18			0.059		525.834			0.073		523.316			0.107		520.356			0.107		517.312	18		
19			0.074		525.760			0.241		523.175			0.026		520.360			0.119		517.193	19		
20			0.074		525.686			0.068		523.107			0.103		520.257			0.132		517.061	20		
21			0.077		525.609			0.061		523.046			0.075		520.182			0.131		516.930	21		
22			0.0		525.609			0.058		522.988			0.074		520.108			0.130		516.800	22		
23			0.078		525.531			0.111		522.877			0.121		519.987			0.128		516.671	23		
24			0.0		525.531			0.107		522.817			0.119		519.868			0.128		516.543	24		
25			0.0		525.531			0.105		522.665			0.139		519.729			0.102		516.441	25		
26			0.077		525.494			0.051		522.614			0.068		519.661			0.075		516.366	26		
27			0.077		525.377			0.101		522.513			0.108		519.553			0.098		516.268	27		
28			0.077		525.300			0.100		522.413			0.041		519.512			0.108		516.160	28		
29			0.078		525.222			0.078		522.222			0.079		519.433			0.140		516.020	29		
30			0.078		525.144			0.038		522.144			0.094		519.355			0.115		515.905	30		
31			0.078		525.066										519.301						31		
TOTAL			1.725					2.653					3.112					3.396			TOTAL		
			MAY 1979					JUNE 1979					JULY 1979					OCTOBER 1979					
1			0.112		515.793			0.229		510.837			0.227		504.973						1		
2			0.110		515.683			0.229		510.615			0.203		504.770						2		
3			0.140		515.543			0.200		510.415			0.187		504.583						3		
4			0.205		515.338			0.177		510.238			0.190		504.393						4		
5			0.147		515.191			0.190		510.048			0.185		504.208						5		
6			0.130		515.061			0.211		509.837			0.208		504.000						6		
7			0.079		514.982			0.176		509.661			0.223		503.777						7		
8			0.095		514.924			0.219		509.442			0.249		503.528						8		
9			0.126		514.798			0.229		509.222			0.298		503.290						9		
10			0.154		514.644			0.235		508.987			0.251		502.979						10		
11			0.172		514.472			0.265		508.722			0.214		502.765						11		
12			0.209		514.263			0.216		508.506			502.765	0.0							12		
13			0.224		514.039			0.182		508.324											13		
14			0.229		513.810			0.170		508.154											14		
15			0.189		513.621			0.165		507.989											15		
16			0.198		513.463			0.175		507.814											16		
17			0.181		513.292			0.139		507.675											17		
18			0.168		513.114			0.179		507.496											18		
19			0.171		512.943			0.182		507.314								0.217		525.783	19		
20			0.167		512.776			0.185		507.129								0.198		525.585	20		
21			0.123		512.693			0.202		506.927								0.191		525.394	21		
22			0.120		512.533			0.172		506.755								0.281		525.113	22		
23			0.126		512.407			0.182		506.573								0.368		524.745	23		
24			0.169		512.238			0.209		506.394								0.362		524.383	24		
25			0.175		512.063			0.203		506.161								0.180		524.203	25		
26			0.187		511.876			0.179		505.982								0.088		525.115	26		
27			0.197		511.719			0.198		505.784								0.172		524.943	27		
28			0.142		511.577			0.201		505.583								0.171		523.772	28		
29			0.156		511.421			0.186		505.397								0.170		523.608	29		
30			0.177		511.244			0.197		505.200								0.251		523.351	30		
31			0.178		511.066													0.249		523.102	31		
TOTAL			4.839					5.866					502.765	2.435				2.898	+526.000		TOTAL		
			NOVEMBER 1979					DECEMBER 1979					JANUARY 1980					FEBRUARY 1980					
1			0.246		522.856			0.136		518.191			0.062		514.906			0.027		513.877	1		
2			0.244		522.612			0.205		517.986			0.125		514.861			0.096		513.821	2		
3			0.240		522.372			0.207		517.779			0.063		514.798			0.014		513.807	3		
4			0.196		522.216			0.207		517.572			0.064		514.734			0.015		513.792	4		
5			0.231		521.985			0.138		517.434			0.0		514.734			0.030		513.762	5		
6			0.228		521.757			0.138		517.296			0.066		514.668			0.015		513.747	6		
7			0.224		521.533			0.137		517.159			0.067		514.601			0.048		513.699	7		
8			0.222		521.311			0.206		516.953			0.068		514.533			0.082		513.617	8		
9			0.146		521.165			0.137		516.816			0.0		514.389			0.095		513.532	9		
10			0.145		521.020			0.069		516.747			0.061		514.472			0.088		513.444	10		
11			0.143		520.877			0.0		516.747			0.051		514.421			0.109		513.335	11		
12			0.213		520.664			0.069		516.678			0.0		514.421			0.095		513.240	12		
13			0.211		520.453			0.137		516.541			0.012		514.409			0.000		513.220	13		
14			0.141		520.312			0.069		516.472			0.030		514.379			0.021		513.199	14		
15			0.281		520.031			0.069		516.403			0.010		514.369			0.042		513.157	15		
16			0.211		519.820			0.137		516.266			0.010		514.359			0.041		513.116	16		
17			0.070		519.790			0.137		516.129													

Table C-7 (Cont'd)

Tulare Irrigation District
TRANSFERRED FROM HAWKEE DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
																						MARCH 1980
1			0.027		518.096			0.129		509.246			0.068		505.894			0.153		501.278	1	
2			0.041		512.055			0.131		509.413			0.174		505.620			0.149		501.429	2	
3			0.028		519.027			0.133		509.282			0.144		505.536			0.146		501.283	3	
4			0.056		511.971			0.090		509.232			0.205		505.331			0.150		501.133	4	
5			0.028		511.943			0.016		509.216			0.175		505.156			0.148		500.985	5	
6																						6
7			0.027		511.916			0.116		509.100			0.147		505.009			0.139		500.846	7	
8			0.028		511.834			0.099		509.001			0.145		504.864			0.160		500.686	8	
9			0.096		511.738			0.130		508.871			0.167		504.697			0.165		500.521	9	
10			0.097		511.641			0.147		508.754			0.084		504.573			0.170		500.351	10	
11			0.041		511.600			0.130		508.594			0.094		504.579			0.168		500.183	11	
12																						12
13			0.070		511.530			0.162		508.432			0.094		504.485			0.167		500.016	13	
14			0.055		511.475			0.194		508.238			0.106		504.379			0.138		499.878	14	
15			0.069		511.406			0.193		508.045			0.107		504.272			0.145		499.733	15	
16			0.069		511.337			0.143		507.902			0.083		504.189			0.167		499.566	16	
17			0.069		511.268			0.142		507.760			0.144		504.045			0.189		499.377	17	
18			0.096		511.172			0.188		507.572			0.155		503.890			0.182		499.195	18	
19			0.069		511.103			0.202		507.370			0.200		503.690			0.182		499.013	19	
20			0.055		511.048			0.170		507.200			0.209		503.461			0.172		498.841	20	
21			0.097		510.951			0.185		507.014			0.245		503.216			0.184		498.657	21	
22			0.125		510.886			0.124		506.890			0.215		503.001			0.146		498.511	22	
23			0.056		510.770			0.140		506.750			0.147		502.894			0.165		498.346	23	
24			0.213		510.677			0.080		506.670			0.133		502.723			0.151	498.194 ^c	0.0	498.194	24
25			0.129		510.528			0.064		506.606			0.101		502.620							25
26			0.146		510.380			0.095		506.511			0.080		502.540							26
27			0.015		510.367			0.125		506.386			0.137		502.403							27
28			0.061		510.306			0.136		506.290			0.134		502.269							28
29			0.093		510.213			0.147		506.103			0.131		502.138							29
30			0.109		510.104			0.071		506.032			0.073		502.065							30
31			0.142		509.969			0.014		506.018			0.090		501.975							31
TOTAL			2.448					3.753					4.191					3.536	498.194			TOTAL
DAY	FOOTNOTES																				DAY	
1	a Released toutchama Ditch Company for transfer.																				1	
2	b Released for diversion in Crocker Cut.																				2	
3	c Storage adjusted to maximum allowable. See Tulare Irrigation District from Crocker Cut.																				3	
4																					4	
5																					5	
6																					6	
7																					7	
8																					8	
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26																					26	
27																					27	
28																					28	
29																					29	
30																					30	
31																					31	
TOTAL																					TOTAL	
DAY																					DAY	
1																					1	
2																					2	
3																					3	
4																					4	
5																					5	
6																					6	
7																					7	
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28																					28	
29																					29	
30																					30	
31																					31	
TOTAL																					TOTAL	

Table C-8

TULARE IRRIGATION DISTRICT
FROM CROCKER CUT

DAY	SEPTEMBER 1976					OCTOBER 1976					NOVEMBER 1976					DECEMBER 1976					DAY		
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE			
1																						1	
2																							2
3																							3
4																							4
5																							5
6																							6
7																							7
8																							8
9																							9
10	0.0																						10
11	413.3		0.298		413.042																		11
12	248.0		0.383		660.659																		12
13			0.466		660.193																		13
14			0.458		659.735																		14
15			0.453		659.282																		15
16			0.450		658.832																		16
17			0.449		658.383																		17
18			0.437		657.846																		18
19			0.447		657.399																		19
20			0.268		657.131																		20
21			0.444		656.687																		21
22			0.442		656.245																		22
23			0.616		655.689																		23
24			0.586		655.103																		24
25			0.523		654.580																		25
26			0.347		654.233																		26
27			0.432		653.801																		27
28			0.343		653.456																		28
29			0.265		653.370																		29
30			0.229		653.141																		30
31																							31
TOTAL	661.3		8.159																				TOTAL
DAY	JANUARY 1977					FEBRUARY 1977					MARCH 1977					APRIL 1977					DAY		
1			0.108		629.109																		1
2			0.213		628.984																		2
3			0.104		628.880																		3
4			0.104		628.776																		4
5			0.104		628.672																		5
6			0.104		628.568																		6
7			0.103		628.465																		7
8			0.103		628.362																		8
9			0.102		628.260																		9
10			0.0		628.260																		10
11			0.102		628.158																		11
12			0.102		628.056																		12
13			0.102		627.953																		13
14			0.0		627.953																		14
15			0.0		627.953																		15
16			0.100		627.853																		16
17			0.102		627.753																		17
18			0.099		627.656																		18
19			0.099		627.557																		19
20			0.099		627.458																		20
21			0.099		627.359																		21
22			0.098		627.261																		22
23			0.098		627.163																		23
24			0.098		627.065																		24
25			0.0		627.065																		25
26			0.097		626.968																		26
27			0.097		626.871																		27
28			0.097		626.774																		28
29			0.097		626.677																		29
30			0.097		626.580																		30
31			0.097		626.483																		31
TOTAL			2.824																				TOTAL
DAY	MAY 1977					JUNE 1977					DECEMBER 1977					JUNE 1978					DAY		
1			0.225		604.294																		1
2			0.222		604.072																		2
3			0.293		603.779																		3
4			0.290		603.489																		4
5			0.292		603.237																		5
6			0.214		603.023																		6
7			0.141		602.822																		7
8			0.070		602.812																		8
9			0.069		602.713																		9
10			0.137		602.606																		10
11			0.102		602.504																		11
12			0.134		602.370																		12
13			0.066		602.304																		13
14			0.164		602.210																		14
15			0.293		602.047																		15
16			0.224		601.823																		16
17			0.316		601.507																		17
18			0.220		601.087																		18
19			0.280		600.807																		19
20			0.306		600.502																		20
21			0.329		600.172																		21
22			0.233		599.939																		22
23			0.143		599.796																		23
24			0.169		599.627																		24
25			0.249		599.378																		25
26			0.246		599.132																		26
27			0.269		598.863																		27
28			0.290		598.573																		28
29			0.362		598.211																		29
30			0.354		597.857																		30
31			0.369		597.488																		31
TOTAL			7.031																				TOTAL

Table C-8 (Cont'd)

TULARE IRRIGATION DISTRICT
FROM CROCKER CUT

DAY	SEPTEMBER 1980					FOOTNOTES					DAY				
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT
1		0.0	1.286		1763.113	a Released to Wutchanna Ditch Company for transfer.									1
2		19.6	1.281		1712.276										2
3		116.6	1.202	+225.0	1819.471	b Released because Terminus Reservoir above allowable storage.									3
4		200.9	1.355		1617.216	c Transferred to Lakeside Ditch Company.									4
5		275.3	1.027		1340.889	d Storage adjusted to maximum allowable.									5
6		297.6	0.895		1042.394	e Transferred to Tulare Irrigation District from St. Johns River.									6
7		297.6	0.495	+1269.0	2033.299	f Transferred to Tulare Irrigation District from Packwood Creek.									7
8		281.8	1.282		1770.257	g 211.483 acre-feet released for diversion in Packwood Creek.									8
9		882.7	0.989	+2102.7	3589.304	h Transferred from Sentinel Sute Mutual Water Company.									9
10		327.4	1.498		3259.412	i Transferred from Sweeney Ditch.									10
11		354.6	2.151		2892.661	j Transferred from Tulare Irrigation Company.									11
12		386.9	1.842		2503.919	k Transferred from other Tulare Irrigation District Units.									12
13		386.9	1.730		2115.289	l Released for diversion in Wutchanna Ditch.									13
14		386.9	1.232		1727.137										14
15		386.9	0.772		1359.489										15
16		386.9	0.628		951.957										16
17		182.4	0.635		759.022										17
18		59.5	0.607		708.915										18
19		59.5	0.286		649.129										19
20		59.5	0.447		589.182										20
21		59.5	0.415		529.267										21
22		59.5	0.380		469.387										22
23		59.5	0.359		409.468										23
24		59.5	0.388		349.260										24
25		29.8	0.297		307.163										25
26		0.0	0.297		305.866										26
27			0.296		306.570										27
28			0.197		306.373										28
29			0.250		306.123										29
30			0.302		305.921										30
31															31
TOTAL		5089.6	25.655	+3596.7											TOTAL
DAY															DAY
1															1
2															2
3															3
4															4
5															5
6															6
7															7
8															8
9															9
10															10
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24															24
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26															26
27															27
28															28
29															29
30															30
31															31
TOTAL															TOTAL

Table C-9

TULARE IRRIGATION DISTRICT
FROM PACIFICWOOD CANAL

DAY	DECEMBER 1977					JUNE 1978					JULY 1978					AUGUST 1978					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1											201.3		1.944		5819.872			75.4	3.382	6089.471	1
2											203.1		1.903		6021.069			137.4	3.422	5948.649	2
3											186.3		2.111		6203.228			284.2	3.423	5721.085	3
4											115.8		2.184		6946.844			204.4	3.389	5514.237	4
5											164.7		2.233		6509.311			106.4	3.504	5404.333	5
6											199.6		2.502		6705.409			65.5	3.555	5324.290	6
7											202.6		2.798		6906.211			194.8	3.657	5175.831	7
8											189.2		2.881		7092.530			189.7	2.732	4983.401	8
9											192.4		3.300		7283.630			178.5	2.945	4801.956	9
10											191.0		3.288		7469.342			153.8	3.184	4644.572	10
11											130.7		2.797		7597.245			163.7	2.581	4478.691	11
12											73.7		2.700		7668.245			67.0	2.713	4350.978	12
13											78.1		3.284		7743.061			0.0	2.552	4268.426	13
14											104.2		3.115		7844.146			0.0	2.547	4205.879	14
15											98.2		3.185		7939.161			6.2	2.925	4276.754	15
16	0.0		0.0		0.0	69.4		3.380		8005.181			3.380		8075.349	24.8	3.7			3895.324	16
17	22.6		0.004		22.596	46.4		3.712		8047.869			3.712		8074.943	39.7				3203	17
18	13.5		0.006		36.090	31.0		3.926		8074.943			3.926		8082.245	0.0				2258	18
19	0.0		0.005		36.085	10.9		3.588		8078.831			3.588		8078.831	0.0				3926.350	19
20			0.005		36.080	0.7		4.114					4.114							3923.166	20
21			0.005		36.075	0.0		4.482					4.482							3920.412	21
22			0.010		36.065			4.391					4.391							3917.817	22
23			0.005		36.060			4.391					4.391							3915.392	23
24			0.010		36.050			3.813					3.813							3913.145	24
25			0.005		36.045			3.944					3.944							3910.449	25
26					36.045			4.266					4.266							3908.017	26
27					0.0			3.068					3.068							3905.052	27
28	79.4		0.011	-115.434	0.0	55.8		1.727					1.727							3902.141	28
29					0.0	140.1		1.592		5058.000			1.592							3899.077	29
30					0.0	169.4		1.720		5450.836			1.720							3897.148	30
31					0.0					5618.516										3894.035	31
TOTAL	115.5		0.066	-115.434		365.3		4.784			2519.3	1874.964	94.581			64.5	2032.6	91.118	-518.0		TOTAL
DAY	SEPTEMBER 1978					FEBRUARY 1979					MARCH 1979					APRIL 1979					DAY
1			710.3	2.766	2877.969								0.003		18.074				0.033	312.018	1
2			654.5	2.650	2220.819								0.003		18.071				0.075	311.943	2
3	0.0		685.7	3.501	1533.618								0.005		18.066				0.074	311.869	3
4	13.6		691.9	0.0	895.318								0.005		18.061				0.082	311.787	4
5	139.6		44.6	0.0	590.318								0.005		18.056				0.081	311.706	5
6	132.2	0.0	0.395		1082.123								0.004		18.052				0.039	311.667	6
7	61.8		0.498		1133.425					0.0			0.006		18.046				0.058	311.609	7
8	22.8		0.603		1165.622					5.1			0.007		23.139				0.075	311.574	8
9	3.0		0.604		1168.018					13.1			0.010		36.229				0.055	311.479	9
10	0.0		0.506		1167.512					19.8			0.015		56.014				0.064	311.415	10
11			0.508		1167.004					18.3			0.014		74.300				0.054	311.361	11
12			0.614		1166.390					9.9			0.021		84.179				0.053	311.308	12
13			0.516		1165.874					2.3			0.010		86.448				0.070	311.248	13
14			0.514		1165.360					0.0			0.010		86.448				0.086	311.192	14
15			0.716		1164.644					15.0			0.017		101.431				0.092	311.060	15
16			0.814		1163.830					14.1			0.012		115.518				0.082	310.978	16
17			0.711		1163.119					3.1			0.006		118.612				0.057	310.921	17
18			0.611		1162.508					0.0			0.004		118.588				0.064	310.877	18
19					0.0					0.0			0.006		118.582				0.072	310.785	19
20					0.0					0.0			0.023		118.558				0.080	310.705	20
21					11.3			0.001		11.299			0.017		118.541				0.079	310.626	21
22					0.0			0.002		18.097			0.017		118.524				0.078	310.546	22
23					0.0			0.004		18.093			0.028		118.497				0.077	310.471	23
24					0.0			0.004		18.089			0.027		118.470				0.077	310.394	24
25					0.0			0.004		18.085			0.032		118.443				0.061	310.333	25
26					0.002			18.083		0.0			0.016		118.423			0.0	0.045	310.288	26
27					0.003			18.080		36.2			0.032		154.590			44.6	0.067	310.221	27
28					0.003			18.077		70.3			0.018		228.873			73.9	0.139	488.631	28
29					0.0			0.0		49.3			0.042		274.131			82.8	0.123	310.296	29
30					0.0			28.4		0.0			0.024		308.307			94.7	0.055	605.857	30
31					0.0			9.8		9.8			0.056		312.051				0.030	310.211	31
TOTAL	373.0	2787.0	14.527	-1162.508		18.1		0.023			294.7		0.726			296.0			2.134		TOTAL
DAY	MAY 1979					JUNE 1979					JULY 1979					JULY 1980					DAY
1	69.4		0.147		675.110			2.540		5687.828			2.293		6402.400						1
2	19.3		0.149		694.261			2.499		5756.029			2.610		6489.880						2
3	31.0		0.197		725.064			2.296		5844.543			2.408		6487.472						3
4	107.9		0.248		832.716			2.064		5947.179			2.446		6485.065						4
5	144.1		0.298		976.538			2.257		6075.812			2.374		6482.652						5
6	103.9		0.273		1080.165	193.0		2.572		6286.240			2.677		6479.975			0.0	0.0	0.0	6
7	54.5		0.174		1134.491	133.7		2.193		6355.747			2.864		6477.111			140.1	0.049	140.051	7
8	14.9		0.130		1149.261	84.5		2.759		6437.478			3.200		6474.911			224.2	0.128	354.123	8
9	0.0		0.280		1148.981	38.9		2.798		6473.580			3.826		6470.085			192.0	0.181	555.942	9
10			0.344		1148.637	25.5		3.003		6496.077			3.229		6466.856			168.9	0.248	724.594	10
11			0.385		1148.252	26.5		3.398		6519.179			2.748		6464.108			155.5	0.327	879.767	11
12			0.466		1147.786	15.9		2.777		6528.302			3.277		6460.831			138.9	0.352	1018.315	12
13			0.522		1147.664	4.9		2.340													

Table C-9 (Cont'd)

TULARE IRRIGATION DISTRICT
FROM PACKWOOD CANAL

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	FOOTNOTES										DAY					
						IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE
AUGUST 1980																					
1					1924.533	a Released because terminus above allowable storage.															1
2					1923.409																2
3					1922.342	b All releases for diversion in Tulare Irrigation District Canal from St. Johns River.															3
4					1921.367																4
5					1920.370																5
6						c Transferred to Lakeside Ditch Company.															6
7					1919.348	d Diverted in Crocker Cut and Tulare Irrigation Company Canal.															7
8					1918.340																8
9					1917.304	e Released for diversion in Tulare Irrigation District Canal.															9
10					1916.161																10
11					1914.998																11
12																					12
13					1913.851																13
14					1912.724																14
15					1911.611																15
16					1910.713																16
17					1909.937																17
18																					18
19					1908.036																19
20					1906.959																20
21					1905.334																21
22					0.0																22
23																					23
24																					24
25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL			20.294	-1905.3																	TOTAL
AUGUST 1980																					
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8																					8
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30																					30
31																					31
TOTAL																					TOTAL

Table C-10

TULAR IRRIGATION DISTRICT
FROM ST. JOHNS RIVER

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
DAY	JULY 1976					DECEMBER 1977					JUNE 1978					JULY 1978					DAY	
1																					3959,576	1
2																					3840,562	2
3																					3735,073	3
4	89.088	59.875	0.175		229,036																3621,027	4
5																					3499,388	5
6		91.1	0.099		139,839																3382,266	6
7		97.0	0.069		38,810																3377,398	7
8		38,810			0.0																3376,027	8
9																					3374,498	9
10																					3373,013	10
11																					3298,899	11
12																					3110,604	12
13																					2999,770	13
14																					2729,866	14
15																					2548,564	15
16						0.0				0.0											2353,870	16
17						12.5				0.002											2106,598	17
18						7.5				0.003											1826,910	18
19						0.0				0.003											1841,668	19
20										0.003											1403,352	20
21										0.003											698,468	21
22										0.006											421,478	22
23										0.003											232,014	23
24										0.005											60,118	24
25										0.003											0.0	25
26						0.0				0.0												26
27						121.5				0.014												27
28										-141.455												28
29																						29
30																						30
31																						31
TOTAL	299,088 ^b	288,789 ^b	0.303			141.5				-141.455 ^c											4030.915	23,581
DAY	SEPTEMBER 1978					FEBRUARY 1979					MARCH 1979					APRIL 1979					DAY	
1																					237,190	1
2																					237,133	2
3																					237,077	3
4	0.0				0.0																237,021	4
5	49.1				49,100																236,953	5
6	166.4		0.079		215,421																236,923	6
7	88.8		0.132		304,089																236,879	7
8	12.6		0.164		316,525																236,822	8
9	0.0		0.164		316,361						0.0										236,780	9
10			0.137		316,224						3.8										236,732	10
11			0.138		316,086						3.5										236,691	11
12			0.166		315,920						0.7										236,651	12
13			0.140		315,780						0.0										236,598	13
14			0.139		315,641						0.0										236,533	14
15			0.194		315,447						5.0										236,463	15
16			0.220		315,227						3.0										236,400	16
17			0.193		315,034						0.0										236,357	17
18			0.165		314,869						0.0										236,308	18
19											0.0										236,293	19
20						0.0				0.0											236,193	20
21						21.2				0.002											236,133	21
22						12.7				0.004											236,073	22
23						0.0				0.007											236,013	23
24										0.007											245,852	24
25										0.007											245,804	25
26										0.003											273,064	26
27										0.007											352,997	27
28										0.006											456,202	28
29										0.0											568,647	29
30										0.0											692,993	30
31										0.0												31
TOTAL	316.9		2.031		-314,869 ^b	33.9				0.043											457.6	1,822
DAY	MAY 1979					JUNE 1979					JULY 1979					JULY 1980					DAY	
1	110.4		0.174		803,219	0.0				2,593											6702,458	1
2	80.6		0.189		883,630	68.2				2,940											6699,664	2
3	85.6		0.264		968,966	75.6				2,317											6697,178	3
4	161.0		0.317		1129,629	31.5				2,087											6694,633	4
5	201.6		0.379		1330,850	123.0				2,289											6692,203	5
6	160.2		0.377		1490,673	187.6				2,594											6689,439	6
7	103.9		0.244		1594,329	127.7				2,210											6686,488	7
8	98.0		0.187		1652,142	86.8				2,791											6683,188	8
9	16.9		0.407		1668,635	58.5				2,888											6679,230	9
10	0.7		0.499		1668,836	52.1				3,047											6675,897	10
11	0.0		0.559		1668,277	53.5				3,463											6348,298	11
12	26.0		0.688		1691,589	47.3				3,518											5855,543	12
13	99.9		0.758		1792,707	36.2				2,407											5285,245	13
14	185.8		0.882		1977,629	20.6				2,292											4653,100	14
15	234.9		0.812		2211,713	5.2				2,192											4001,469	15
16	254.7		0																			

Table C-10 (Cont'd)

TULARE IRRIGATION DISTRICT
FROM ST. JOHN RIVER

DAY	AUGUST 1980					SEPTEMBER 1980					FOOTNOTES					DAY					
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE
1		189.7	4,784		8630.400			0.225		324.072											1
2		55.8	5,008		8569.682			0.245		323.817											2
3		0.0	4,756		8464.926			0.244		323.593											3
4			4,382		8460.584			0.271		323.322											4
5			4,443		8556.141			0.247		323.078											5
6			4,552		8551.589			0.277		322.798											6
7			4,690		8547.099			0.214		322.524											7
8			4,615		8542.484			0.226		322.348											8
9			5,091		8537.393			0.214	+322.1	0.0											9
10			5,182		8532.211																10
11			5,111		8527.100																11
12			5,022		8522.078																12
13			4,960		8517.118																13
14			4,003		8513.115																14
15			3,456		8509.659																15
16			4,017		8505.642																16
17			4,359		8501.287																17
18			4,183		8497.104																18
19			3,501		8493.603																19
20			4,578	-8162.6	326.427																20
21			0.169		326.258																21
22			0.151		326.107																22
23			0.174		325.933																23
24			0.209		325.724																24
25			0.213		325.511																25
26			0.187		325.324																26
27			0.195		325.128																27
28			0.219		324.909																28
29			0.193		324.716																29
30			0.190		324.526																30
31			0.229		324.297																31
TOTAL		245.5	98.579	-8162.6				2.153	+322.1												TOTAL
DAY																					DAY
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8																					8
9																					9
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29																					29
30																					30
31																					31
TOTAL																					TOTAL

Table C-11

TULARE IRRIGATION DISTRICT
FROM DEEP CREEK

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
SEPTEMBER 1976																							
1								0.023		96.941					97.264				0.034		96.288	1	
2								0.033		96.908					97.208				0.032		96.293	2	
3								0.032		96.876					97.137				0.034		96.292	3	
4								0.042		96.834					97.103				0.034		96.188	4	
5								0.052		96.782					97.035				0.034		96.134	5	
6								0.055		96.727					96.927				0.034		96.120	6	
7								0.077		96.650					96.857				0.034		96.086	7	
8								0.065		96.585					96.804				0.034		96.052	8	
9								0.075		96.510					96.751				0.034		96.035	9	
10	0.0							0.075		96.435					96.698				0.034		96.001	10	
11	62.6		0.039		62.561			0.063		96.372					96.680				0.034		95.967	11	
12	37.6		0.058		100.103			0.063		96.309					96.650				0.034		95.933	12	
13	0.0		0.071		100.032			0.073		96.236					96.663				0.034		95.899	13	
14			0.069		99.963			0.062		96.174					96.646				0.033		95.866	14	
15			0.069		99.894			0.062		96.112					96.689				0.033		95.833	15	
16			0.068		99.826			0.052		96.060					96.954				0.050		95.783	16	
17			0.068		99.758			0.062		97.998					96.577				0.050		95.733	17	
18			0.081		99.677			0.061		97.937					96.560				0.033		95.700	18	
19			0.068		99.609			0.061		97.876					96.443				0.033		95.667	19	
20			0.041		99.568			0.031		97.825					96.526				0.033		95.634	20	
21			0.067		99.501			0.062		97.763					96.509				0.017		95.617	21	
22			0.067		99.434			0.052		97.711					96.509				0.033		95.584	22	
23			0.093		99.341			0.032		97.679					96.492				0.017		95.567	23	
24			0.080		99.261			0.061		97.647					96.475				0.033		95.534	24	
25			0.079		99.182			0.033		97.614					96.458				0.033		95.501	25	
26			0.053		99.129			0.034		97.580					96.441				0.017		95.484	26	
27			0.052		99.064			0.060		97.548					96.424				0.033		95.451	27	
28			0.013		98.999			0.052		97.406					96.390				0.033		95.385	28	
29			0.035		98.964			0.034		97.352					96.322				0.017		95.368	29	
30								0.043		97.309									0.016		95.352	30	
31																					95.352	31	
TOTAL	100.2		1.236					1.655						0.987					0.970		TOTAL		
OCTOBER 1976																							
NOVEMBER 1976																							
DECEMBER 1976																							
JANUARY 1977																							
FEBRUARY 1977																							
MARCH 1977																							
APRIL 1977																							
MAY 1977																							
JUNE 1977																							
JULY 1977																							
1			0.034		91.563			0.028		90.474				0.056		89.103						1	
2			0.034		91.529			0.046		90.428				0.064		89.039							2
3			0.044		91.485			0.053		90.375				0.061		88.978							3
4			0.044		91.441			0.055		90.320				0.055		88.923							4
5			0.038		91.403			0.044		90.276				0.056		88.867							5
6			0.032		91.371			0.047		90.229				0.050		88.807							6
7			0.021		91.350			0.056		90.173				0.068		88.739							7
8			0.011		91.339			0.036		90.137				0.062		88.677							8
9			0.011		91.328			0.010		90.127				0.067		88.610							9
10			0.021		91.307			0.025		90.102				0.014		19.326							10
11			0.015		91.292			0.037		90.065				0.0		0.0							11
12			0.020		91.272			0.040		90.025				0.0		0.0							12
13			0.010		91.262			0.040		89.985				0.0		0.0							13
14			0.025		91.237			0.040		89.945				0.0		0.0							14
15			0.044		91.193			0.045		89.900				0.0		0.0							15
16			0.034		91.159			0.042		89.858				0.0		0.0							16
17			0.048		91.111			0.048		89.810				0.0		0.0							17
18			0.031		91.078			0.042		89.768				0.0		0.0							18
19			0.042		91.036			0.042		89.726				0.0		0.0							19
20			0.046		90.990			0.036		89.690				0.0		0.0							20
21			0.050		90.940			0.048		89.642				0.0		0.0							21
22			0.035		90.905			0.058		89.584				0.0		0.0							22
23			0.022		90.883			0.058		89.526				0.0		0.0							23
24			0.026		90.857			0.052		89.474				0.0		0.0							24
25			0.038		90.819			0.052		89.422				0.0		0.0							25
26			0.037		90.782			0.056		89.366				0.0		0.0							26
27			0.041		90.741			0.050		89.306				0.0		0.0							27
28			0.044		90.697			0.047		89.249				0.0		0.0							28
29			0.053		90.642			0.045		89.214				0.0		0.0							29
30			0.054		90.588			0.055		89.159				0.0		0.0							30
31			0.056		90.536									0.0		0.0							31
TOTAL			1.065					1.373						88.596	0.563						TOTAL		

Table C-II (Cont'd)

TULARE IRRIGATION DISTRICT
FROM DEEP CREEK

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																
DECEMBER 1977																						JUNE 1978					JULY 1978					AUGUST 1978					DAY
1											42.7		0.693		2072.671			1.143			2057.825	1															
2											12.6		0.659		2084.612			1.183			2056.642	2															
3											0.0		0.719		2083.893			1.230			2055.412	3															
4													0.717		2083.176			0.890			2054.522	4															
5													0.715		2082.461			1.331			2053.191	5															
6													0.777		2081.694			1.747			2051.844	6															
7													0.843		2080.841			1.448			2049.996	7															
8													0.845		2079.996			1.123			2048.873	8															
9													0.942		2079.094			1.296			2047.517	9															
10													0.915		2078.139			1.403			2046.214	10															
11													0.765		2077.374			1.170			2045.035	11															
12													0.731		2076.543			1.258			2043.777	12															
13													0.880		2075.763			1.341			2042.436	13															
14													0.824		2074.939			1.338			2041.098	14															
15													0.832		2074.107			1.539			2039.559	15															
16													0.875		2073.232			1.538			2038.021	16															
17													0.956		2072.276			1.659			2036.362	17															
18													1.007		2071.269			1.377			2034.985	18															
19													0.922		2070.347			1.457			2033.528	19															
20													1.054		2069.293			1.649			2031.879	20															
21													0.892		2068.401			1.426			2030.453	21															
22													0.949		2067.452			1.344			2029.109	22															
23													1.125		2066.327		0.0	542.0 ^a			1486.158	23															
24													0.994		2065.333		585.1 ^b	0.517			900.541	24															
25													0.570		2064.763		461.5 ^c	0.303			438.938	25															
26	0.0		0.0		0.0					1907.000			0.875		2063.888		386.8 ^d	0.032			52.106	26															
27	62.0		0.006		0.0	11.2	0.0	0.0		1937.663			0.974		2062.945		52.1 ^d				0.0	27															
28	0.0		0.0		-61.994 ^b	38.9	0.537	0.577		1975.966			0.911		2061.060							28															
29						55.3	0.682	0.682		2030.664			1.031		2060.029							29															
30													1.051		2059.968							30															
31																						31															
TOTAL	62.0		0.006		-61.994 ^b	105.4	1.736				55.3		26.996					2027.3		31.632		TOTAL															
SEPTEMBER 1978																						MAY 1979					JUNE 1979					JULY 1979					DAY
1													0.817		1823.872			0.836			1856.010	1															
2						0.0	0.0			52.084			0.792		1823.080			0.746			1855.264	2															
3						84.6	0.016			136.645		0.0	0.713		1822.367			0.688			1854.576	3															
4													0.632		1821.735			0.699			1853.877	4															
5													0.680		1821.095			0.679			1853.198	5															
6	99.2		0.059		163.141	32.0	0.043			168.602		33.5	0.766		1820.789			0.765			1852.433	6															
7	37.2		0.082		198.259	0.0	0.026			168.576		20.1	0.646		1820.243			0.819			1851.614	7															
8	0.0		0.102		198.157		0.019			168.557		0.0	0.805		1819.438			0.915			1850.699	8															
9			0.102		198.055		0.044			168.516			0.809		1818.629			0.801			1849.213	9															
10			0.086		197.969		0.050			168.466			0.865		1817.764			0.431				863.482	10														
11			0.086		197.883		0.056			168.410			0.975		1816.789			740.4 ^d	0.052			123.030	11														
12			0.104		197.779		0.068			168.342			0.795		1816.094			123.0 ^d	0.0			0.0	12														
13			0.087		197.692	0.0	0.073			168.269			0.669		1815.325								13														
14			0.087		197.605		0.100			168.169			0.624		1814.701								14														
15			0.121		197.484		0.116			168.053			0.607		1814.094								15														
16			0.138		197.346	96.2	0.127			412.326			0.642		1813.452								16														
17			0.121		197.225	99.2	0.180			511.346			0.510		1812.942								17														
18			0.104		197.121 ^d	99.2	0.200			610.346			0.659		1812.503								18														
19					0.0	99.2	0.237			709.309			0.668		1812.016								19														
20						99.2	0.263			808.246			0.681		1811.534								20														
21						99.2	0.218			907.288			0.742		1811.192								21														
22						99.2	0.237			1006.191			0.632		1810.860								22														
23						99.2	0.272			1105.119			0.669		1810.591								23														
24						99.2	9.396			1203.923			0.769		1810.122								24														
25						99.2	0.444			1302.679			0.744		1809.578								25														
26						99.2	0.513			1401.366			0.659		1809.719								26														
27						99.2	0.459			1500.107			0.729		1809.990								27														
28						99.2	0.443			1598.864			0.738		1809.959								28														
29						99.2	0.518			1697.546			0.682		1809.570								29														
30						94.2	0.622			1791.124			0.724		1809.046								30														
31						34.2	0.635			1824.689													31														
TOTAL	196.4		1.279		-197.121 ^d	1831.1	6.411				53.6		21.443					1849.3		7.511		TOTAL															
FOOTNOTES																						DAY															
1	a Released to Mutchmans Ditch Company for transfer.																				1																
2	b Released because Terminus Reservoir above allowable storage.																				2																
3	c Released for diversion in Crocker Cut and Tulare Irrigation Company Canal.																				3																
4	d Released for diversion in Crocker Cut.																				4																
5																					5																
6																					6																
7																					7																
8																					8																
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31																																					

Table C-12

TULARE IRRIGATION DISTRICT
FROM CENTRAL VALLEY PROJECT EXCHANGE

DAY	NOVEMBER 1978					DECEMBER 1978					JANUARY 1979					FEBRUARY 1979					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1			0.707		2020.293			0.800		2025.288			0.272		1998.792			0.293		1993.233	1
2			0.699		2019.594			0.251		2009.037			0.272		1998.520			0.304		1990.932	2
3			0.691		2018.903			0.525		2004.512			0.272		1998.248			0.313		1992.619	3
4			0.684		2018.219			0.263		2004.249			0.272		1997.976			0.323		1992.296	4
5			0.676		2017.543			0.260		2003.969			0.272		1997.704			0.337		1991.999	5
6			1.005		2016.538			0.261		2003.728			0.272		1997.432			0.349		1991.610	6
7			0.663		2015.875			0.260		2003.468			0.272		1997.160			0.362		1991.248	7
8			0.986		2014.859			0.261		2003.207			0.272		1997.160			0.362		1990.886	8
9			0.651		2014.238			0.258		2002.949			0.270		1996.890			0.352		1990.534	9
10			0.322		2013.916			0.258		2002.691			0.270		1996.620			0.343		1990.191	10
11			0.320		2013.596			0.258		2002.433			0.0		1996.620			0.342		1989.849	11
12			0.0		2013.596			0.257		2002.176			0.228		1996.392			0.683		1989.166	12
13			0.312		2013.284			0.256		2001.920			0.441		1995.951			0.336		1988.830	13
14			0.618		2012.666			0.256		2001.664			0.258		1995.951			0.288		1988.542	14
15			0.346		2012.360			0.256		2001.408			0.0		1995.951			0.561		1987.961	15
16			0.606		2011.754			0.256		2001.152			0.0		1995.951			0.276		1987.705	16
17			0.597		2011.157			0.0		2000.152			0.0		1995.951			0.545		1987.156	17
18			0.591		2010.566			0.0		2000.152			0.0		1995.951			0.278		1986.878	18
19			0.597		2009.969			0.254		2000.898			0.0		1995.951			0.534		1986.344	19
20			0.591		2009.378			0.256		2000.642			0.076		1995.875			0.298		1986.086	20
21			0.287		2009.091			0.260		2000.382			0.291		1995.584			0.232		1985.854	21
22			0.283		2008.808			0.260		2000.122			0.0		1995.584			0.220		1985.634	22
23			0.279		2008.329			0.262		1999.860			0.293		1995.291			0.421		1985.213	23
24			0.277		2008.252			0.262		1999.598			0.0		1995.291			0.407		1984.806	24
25			0.248		2008.704			0.0		1999.598			0.0		1995.291			0.399		1984.407	25
26			0.271		2007.433			0.0		1999.598			0.293		1994.998			0.194		1984.213	26
27			0.269		2007.164			0.264		1999.334			0.293		1994.705			0.383		1983.830	27
28			0.538		2006.626			0.0		1999.334			0.294		1994.411			0.379		1983.451	28
29			0.269		2006.357			0.0		1999.334			0.295		1994.126			0.0		1983.072	29
30			0.269		2006.088			0.270		1999.064			0.295		1993.821			0.0		1982.693	30
31								0.0		1999.064			0.295		1993.526			0.0		1982.314	31
TOTAL			14.912					7.024					5.536					10.075			TOTAL
DAY	MARCH 1979					APRIL 1979					MAY 1979					JUNE 1979					DAY
1			0.365		1983.086	99.2		0.359		3420.556	664.6		1.617		7448.150			6.788		15145.510	1
2			0.357		1982.729	99.2		0.845		3318.911	664.6		1.736		8111.014			6.573		15136.937	2
3			0.325		1982.204	99.2		0.854		3617.257	664.6		2.387		8733.227			5.919		15133.018	3
4			0.515		1981.689	99.2		0.981		3715.476	664.6		2.812		9434.815			5.251		15127.767	4
5			0.499		1981.190	99.2		0.988		3813.688	664.6		2.878		10096.337			5.643		15122.124	5
6			0.483		1980.707	37.2		0.485		3850.403	144.3		2.591		10238.088			6.245		15115.879	6
7			0.620		1980.087	0.0		0.712		3849.691	0.0		1.566		10236.522			5.215		15110.664	7
8			0.590		1979.497			0.932		3948.759			1.157		10235.365			6.498		15104.166	8
9			0.563		1978.935			0.685		3948.074			2.497		10232.868			6.600		15271.166	9
10			0.535		1978.400			0.785		3847.289			3.060		10229.808			7.259		15704.007	10
11			0.384		1978.016			0.666		3846.623			3.427		10226.381			8.397		16109.310	11
12			0.493		1977.523			0.658		3845.965			4.152		10222.229			6.951		16348.559	12
13			0.490		1977.033			0.865		3845.100			4.457		10217.772			5.857		16353.402	13
14			0.231		1976.802			1.061		3844.039			4.557		10213.215			5.430		16250.772	14
15			0.138		1976.470			1.142		3842.897			3.748		10209.467			5.278		16235.094	15
16			0.213		1976.257			1.018		3841.879			3.145		10206.322			5.672		16241.922	16
17			0.102		1976.152			0.699		3841.180			3.593		10202.378			4.603		16256.119	17
18			0.407		1975.745			0.792		3840.385			3.336		10199.393			6.084		17228.435	18
19			0.099		1975.646			0.887		3839.498			3.407		10195.986			6.326		17663.409	19
20			0.389		1975.257			0.983		3838.515			3.314		10192.672			540.1		18196.865	20
21			0.287		1974.970			0.975		3837.540			2.446		10189.226			577.3		18766.693	21
22	124.4		0.298		2099.072			0.967		3836.573			2.395		10187.831			6.579		19399.414	22
23	138.4		0.535		2296.937			0.955		3835.618			2.506		10185.325			7.007		20068.607	23
24	198.4		0.569		2594.768	0.0		0.951		3834.667			3.251		10181.974			8.564		20736.439	24
25	198.4		0.722		2692.446	328.6		0.820		4162.447			4.128		10178.502			8.565		21704.374	25
26	136.4		0.371		2828.475	525.6		0.680		4697.567			3.725		10174.777			7.616		22073.098	26
27	99.0		0.609		2926.856	525.6		0.991		5212.176			3.313	+5000.0	10171.664			8.915		22740.640	27
28	99.0		0.239		3025.627	525.6		1.199		5736.777			4.203		10167.461			9.296		23406.644	28
29	99.0		0.475		3124.152	525.6		1.703		6260.874			4.666		10162.835			8.838		24092.206	29
30	99.2		0.592		3223.113	525.6		1.507		6785.167			5.265		10157.573			9.651		24736.955	30
31	99.2		0.598		3321.715								5.275		10152.298						25
TOTAL	1351.4		13.136			3490.6		27.148			3466.9		99.811	+5000.0			9986.4	107.6	206.143		TOTAL
DAY	JULY 1979					AUGUST 1979					SEPTEMBER 1980					DAY					
1	674.6		11.435		25400.120	1347.5	13.415			12690.391								0.612		880.369	1
2	674.6		10.482		26064.238	1370.0	12.237			11308.154								0.637		879.752	2
3	674.6		9.980		26728.918	1370.4	9.560			9928.194								0.626		879.050	3
4	674.6		10.331		27393.187	1370.7	8.301			8549.193								0.736		878.354	4
5	253.0		10.119		27636.068	1385.9	7.722			7155.571								0.672		877.687	5
6	0.0		11.414		27624.654	1357.5	5.833			5792.238								0.753		876.909	6
7			12.210		27612.444	1495.1	5.385			5230.675								0.982		876.347	7
8			13.641		27598.803	1342.8	4.266			3882.949								0.614		875.733	8
9			15.311		27582.492	1078.9	3.123			2804.986								0.598		875.000	9
10			13.764		27568.728	682.7	2.216			2120.010											10
11			11.717	</																	

Table C-13

TULARY IRRIGATION DISTRICT
FROM CYP BECKHANS (LOWER KAMRAN)

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY		
																						JUNE 1978	
1						389.8		0.160		478.395				1.705	3070.571					0.303	315.285	1	
2						565.9		0.330		1043.965				1.766	3068.805					0.376	314.909	2	
3						662.2		0.589		1705.516				1.835	3066.970					0.308	314.601	3	
4						648.5		0.810		2353.266				1.398	3059.543					0.0	314.601	4	
5						411.7		0.988		2764.018				1.987	3063.555					0.0	314.601	5	
6						137.7		1.090		2920.628				2.607	3061.048					0.115	314.486	6	
7						89.3		1.219		3008.709				2.161	3058.887					0.137	314.349	7	
8						78.1		1.253		3085.556				1.676	3057.211					0.163	314.186	8	
9						18.1		1.406		3102.250				1.874	3055.337					0.162	314.024	9	
10						0.0		1.365		3100.885				2.093	3053.244					0.136	313.888	10	
11								1.141		3099.744				1.759	3051.485					0.137	313.751	11	
12								1.021		3098.653				1.877	3049.628					0.165	313.586	12	
13								1.314		3097.339				2.001	3047.507					0.139	313.447	13	
14								1.230		3096.109				1.996	3045.611					0.136	313.309	14	
15								1.243		3094.867				2.296	3043.315					0.192	313.117	15	
16								1.306		3093.561				2.295	3041.020					0.219	312.898	16	
17								1.428		3092.133				2.475	3038.545					0.191	312.707	17	
18								1.503		3090.630				2.054	3036.491					0.164	312.543	18	
19								1.375		3089.255				2.175	3034.317						0.0	312.380	19
20								1.572		3087.683				2.461	3031.856							312.217	20
21								1.321		3086.358				2.128	3029.728							312.054	21
22								1.417		3084.935				2.006	3027.722							311.891	22
23								1.678		3083.257				1.874	3025.848							311.728	23
24								1.483		3081.774				1.737	3024.111							311.565	24
25								0.851		3080.323				2.084	3022.027							311.402	25
26								1.306		3079.617				1.880	3020.147							311.239	26
27								1.407		3078.210				1.968	3018.485							311.076	27
28								1.453		3076.757				1.761	3016.924							310.913	28
29								1.360		3075.397				1.549	3015.475							310.750	29
30	148.8		0.0		0.0	1.536		1.536		3073.899				716.7	3014.026							310.587	30
31						1.583		1.583		3072.276				840.7	3012.577							310.424	31
TOTAL	148.8		0.045		0.0	2961.3		37.779					2698.094	56.994						3.045	-312.543		
DAY	FOOTNOTES																				DAY		
1	o Transferred to Lakeside Ditch Company.																				1		
2																					2		
3																					3		
4																					4		
5																					5		
6																					6		
7																					7		
8																					8		
9																					9		
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25																					25		
26																					26		
27																					27		
28																					28		
29																					29		
30																					30		
31																					31		
TOTAL																					TOTAL		

Table C-15

TULARE IRRIGATION DISTRICT
FROM FACTWOOD CREEK

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																
SEPTEMBER 1976																						OCTOBER 1976					NOVEMBER 1976					DECEMBER 1976					
1								0.060		261.768			0.119		257.331			0.090		254.747	1																
2								0.087		261.681			0.165		257.166			0.084		254.663	2																
3								0.085		261.596			0.172		256.994			0.090		254.573	3																
4								0.111		261.485			0.090		256.904			0.090		254.483	4																
5								0.137		261.348			0.233		256.671			0.089		254.394	5																
6																						6															
7								0.146		261.202			0.233		256.438			0.069		254.305	7																
8								0.203		260.999			0.186		256.252			0.069		254.216	8																
9								0.172		260.827			0.139		256.113			0.069		254.127	9																
10	0.0							0.159		260.688			0.139		255.974			0.044		254.053	10																
11	165.7		0.104		165.596			0.197		260.431			0.139		255.835			0.069		253.994	11																
12	99.1		0.158		260.882			0.168		260.263			0.046		255.789			0.089		253.905	12																
13	0.0		0.187		264.655			0.167		260.096			0.0		255.789			0.089		253.816	13																
14			0.183		264.472			0.194		259.902			0.046		255.743			0.069		253.727	14																
15			0.182		264.290			0.165		259.737			0.046		255.697			0.069		253.638	15																
16								0.164		259.573			0.046		255.651			0.069		253.549	16																
17			0.181		264.109			0.136		259.437			0.092		255.559			0.133		253.416	17																
18			0.180		263.929			0.163		259.274			0.046		255.513			0.133		253.283	18																
19			0.215		263.714			0.162		259.112			0.046		255.467			0.069		253.194	19																
20			0.179		263.535			0.162		258.950			0.045		255.422			0.069		253.105	20																
21			0.108		263.427			0.134		258.816			0.045		255.377			0.088		253.017	21																
22			0.178		263.249			0.163		258.653			0.045		255.332			0.044		252.973	22																
23			0.177		263.077			0.136		258.515			0.0		255.332			0.088		252.885	23																
24			0.247		262.825			0.084		258.431			0.045		255.287			0.044		252.841	24																
25			0.221		262.624			0.055		258.346			0.045		255.242			0.088		252.753	25																
26			0.210		262.434			0.088		258.258			0.045		255.197			0.088		252.665	26																
27			0.139		262.265			0.091		258.167			0.045		255.152			0.044		252.621	27																
28			0.138		262.092			0.165		258.009			0.045		255.107			0.087		252.534	28																
29			0.034		261.920			0.138		257.844			0.090		255.017			0.087		252.447	29																
30			0.092		261.808			0.144		257.706			0.090		254.927			0.087		252.360	30																
31								0.113		257.562			0.090		254.837			0.044		252.316	31																
TOTAL	265.1		3.272					4.379					2.612					2.564				TOTAL															
JANUARY 1977																						FEBRUARY 1977					MARCH 1977					APRIL 1977					
1			0.043		252.230			0.039		251.102			0.063		248.992			0.101		246.169	1																
2			0.085		252.144			0.039		251.053			0.094		248.898			0.125		246.044	2																
3			0.042		252.102			0.077		250.986			0.093		248.805			0.128		245.920	3																
4			0.042		252.060			0.077		250.909			0.092		248.713			0.148		245.772	4																
5			0.042		252.018			0.077		250.832			0.092		248.621			0.147		245.625	5																
6			0.042		251.976			0.038		250.794			0.152		248.469			0.168		245.457	6																
7			0.041		251.935			0.075		250.719			0.121		248.348			0.164		245.293	7																
8			0.041		251.894			0.075		250.644			0.090		248.258			0.134		245.179	8																
9			0.041		251.853			0.075		250.607			0.090		248.208			0.067		245.112	9																
10			0.0		251.853			0.074		250.533			0.089		248.139			0.110		245.002	10																
11			0.041		251.812			0.073		250.460			0.088		248.051			0.130		244.872	11																
12			0.041		251.771			0.073		250.387			0.087		247.964			0.149		244.723	12																
13			0.041		251.730			0.072		250.315			0.087		247.877			0.125		244.598	13																
14			0.0		251.730			0.108		250.207			0.086		247.791			0.144		244.454	14																
15			0.0		251.730			0.107		250.100			0.086		247.705			0.160		244.294	15																
16			0.040		251.690			0.106		249.994			0.088		247.677			0.136		244.158	16																
17			0.040		251.650			0.106		249.888			0.084		247.593			0.151		244.027	17																
18			0.040		251.610			0.140		249.748			0.095		247.537			0.146		243.881	18																
19			0.040		251.570			0.139		249.609			0.083		247.454			0.162		243.719	19																
20			0.039		251.531			0.069		249.540			0.083		247.371			0.177		243.542	20																
21			0.039		251.492			0.0		249.440			0.109		247.262			0.157		243.385	21																
22			0.039		251.453			0.067		249.373			0.136		247.126			0.138		243.247	22																
23			0.039		251.414			0.033		249.440			0.107		247.039			0.170		243.077	23																
24			0.0		251.375			0.033		249.407			0.080		246.939			0.117		242.960	24																
25			0.0		251.375			0.097		249.310			0.026		246.813			0.132		242.828	25																
26			0.039		251.336			0.096		249.214			0.105		246.808			0.097		242.731	26																
27			0.039		251.297			0.059		249.150			0.130		246.678			0.112		242.619	27																
28			0.039		251.258			0.095		249.055			0.103		246.572			0.126		242.493	28																
29			0.039		251.219								0.128		246.447			0.108		242.385	29																
30			0.039		251.180								0.076		246.371			0.046		242.339	30																
31			0.039		251.141								0.101		246.270					242.339	31																
TOTAL			1.132					2.086					2.785					3.931				TOTAL															
MAY 1977																						JUNE 1977					DECEMBER 1977					JUNE 1978					
1			0.090		242.249			0.154		239.364											1																
2			0.059		242.160			0.123		239.241											2																
3			0.117		242.043			0.139		239.102											3																
4			0.116		241.927			0.146		238.956											4																
5			0.101		241.826			0.117		238.839											5																
6			0.086		241.740			0.124		238.715											6																
7			0.097		241.683			0.149		238.566											7																
8			0.088		241.655			0.095		238.471											8																
9			0.088		241.627			0.095		238.445											9																
10			0.053		241.572			0.066		238.379											10																
11			0.041		241.531			0.098		238.281											11																
12			0.054		241.477			0.106		238.175											12																
13			0.087		241.450			0.105		238.070											13																
14			0.066		241.384			0.105		237.965											14																
15			0.117		241.267			0.120		237.845											15																
16			0.090																																		

Table C-15 (Cont'd)

TULARE IRRIGATION DISTRICT
FROM PACIFIC CREEK

DAY	JULY 1978					AUGUST 1978					SEPTEMBER 1978					FEBRUARY 1979					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1	9.9		1.994		5846.928			3.262		5873.557											1
2	8.7		1.850		5853.778			3.377		5870.180											2
3	7.9		2.022		5859.656			3.510		5866.670											3
4	7.9		2.018		5865.535			2.940		5864.130											4
5	7.9		2.015		5871.423			3.800		5860.330		122.8		0.0	122.800						5
6	7.9		2.193		5877.130			4.987		5855.343		88.5		0.077	221.223						6
7	7.9		2.383		5882.647			4.134		5851.209		110.2		0.096	221.327						7
8	7.9		2.398		5888.155			3.206		5848.003		0.7		0.115	221.512						8
9	7.9		2.672		5893.384			3.585		5844.418		0.0		0.115	221.797						9
10	7.9		2.597		5898.687			4.003		5840.415		0.0		0.096	221.701						10
11	5.5		2.173		5902.014		71.9 ^c	3.323		5769.167				0.096	221.605						11
12	4.0		2.079		5903.935		614.9 ^c	3.167		5147.100				0.117	221.488						12
13	4.0		2.505		5905.430		614.9 ^c	2.973		4359.227				0.096	221.390						13
14	4.0		2.361		5907.084		614.9 ^c	2.964		3911.763				0.098	221.292						14
15	4.0		2.370		5908.714		300.0 ^c	2.723		3609.040				0.136	221.136						15
16	4.0		2.495		5910.219		129.7 ^c	2.623		3476.717				0.155	221.001						16
17	2.7		2.706		5911.193		140.8 ^c	2.715		3333.202				0.135	220.866						17
18	2.0		2.873		5909.320		706.78 ^c	1.775		2624.647				0.116	220.750						18
19	0.0		2.630		5907.390		778.74	1.322		1844.625				0.0	220.625						19
20	0.0		3.007		5904.383		659.5 ^c	0.985		1233.740				0.0	220.500						20
21			2.545		5901.838		585.14	0.441		628.399				0.0	220.375						21
22			2.709		5899.129		505.14	0.029		43.070				0.0	220.250						22
23			3.209		5895.990		43.07 ^c	0.0		0.0				0.0	220.125						23
24			2.835		5893.084		0.0							0.0	220.000						24
25	0.0		1.626		5891.458									0.0	219.875						25
26	1.2		2.498		5890.160									0.0	219.750						26
27	0.7		2.698		5888.168									0.0	219.625						27
28	0.0		2.779		5885.399									0.0	219.500						28
29			2.601		5882.788									0.0	219.375						29
30			2.941		5879.847									0.0	219.250						30
31			3.088		5876.819									0.0	219.125						31
TOTAL	114.6		76.763				5815.773	61.044			222.2		1.490	-220.750 ^d		4.8					TOTAL
DAY	MARCH 1979					APRIL 1979					MAY 1979					JUNE 1979					DAY
1			0.001		4.799			0.001		4.759		7.9		0.012	55.678						1
2			0.001		4.798			0.001		4.768		5.5		0.013	61.165		0.0				2
3			0.001		4.797			0.001		4.767		22.6		0.023	83.742		7.9				3
4			0.001		4.796			0.001		4.766		23.8		0.032	107.510		7.9				4
5			0.001		4.795			0.001		4.765		17.9		0.036	129.374		7.9				5
6			0.001		4.794			0.001		4.764		12.9		0.035	138.639		9.2				6
7			0.002		4.792			0.001		4.763		8.7		0.022	146.917		78.1				7
8			0.001		4.791			0.001		4.762		5.5		0.017	152.400		133.4				8
9			0.001		4.790			0.001		4.761		2.7		0.038	155.062		134.9				9
10			0.002		4.788			0.001		4.760		2.0		0.047	157.015		134.9				10
11			0.001		4.787			0.001		4.759		2.0		0.053	158.968		97.7				11
12			0.001		4.786			0.001		4.758		3.2		0.066	162.096		149.8				12
13			0.001		4.785			0.001		4.757		7.7		0.074	169.782		71.7				13
14			0.001		4.784		0.0	0.001		4.756		16.1		0.083	175.739		0.0				14
15			0.001		4.783		2.0	0.002		6.734		19.6		0.075	205.464		0.0				15
16			0.001		4.782		2.0	0.002		8.732		22.3		0.070	227.694		0.0				16
17			0.001		4.781		0.7	0.002		10.750		23.6		0.069	251.405		0.0				17
18			0.001		4.780		0.0	0.002		11.448		26.3		0.091	277.614		0.0				18
19			0.001		4.780		0.0	0.003		11.445		37.7		0.105	315.209		0.0				19
20			0.001		4.779		0.0	0.003		11.442		66.0		0.124	381.085		0.0				20
21			0.001		4.778		0.0	0.003		11.439		94.2		0.114	475.171		0.0				21
22			0.001		4.777		0.0	0.003		11.436		87.0		0.132	565.039		0.0				22
23			0.001		4.776		1.2	0.003		12.453		48.9		0.150	610.789		0.0				23
24			0.001		4.775		0.7	0.003		13.330		29.3		0.211	639.878		0.0				24
25			0.001		4.774		1.2	0.003		14.527		25.3		0.227	664.951		0.0				25
26			0.001		4.773		3.2	0.003		17.724		26.3		0.253	690.998		0.0				26
27			0.001		4.772		6.4	0.005		20.119		29.0		0.220	719.778		0.0				27
28			0.001		4.772		7.9	0.007		32.012		28.5		0.207	748.071		0.0				28
29			0.001		4.771		7.9	0.011		39.901		29.3		0.233	773.133		0.0				29
30			0.001		4.771		7.9	0.011		47.790		21.3		0.276	794.139		0.0				30
31			0.001		4.770						7.4			0.279	801.280		0.0				31
TOTAL			0.030				43.1	0.080			756.9		3.410			38.6	800.5	3.289			TOTAL
DAY	JULY 1980					AUGUST 1980					SEPTEMBER 1980					DAY					
1			0.016		36.075							440.2		0.806	1433.963						1
2			0.015		36.060							163.7		0.794	1289.309		79.4				2
3			0.013		36.047							0.0		0.716	1286.793		3.0				3
4			0.014		36.033							24.8		0.641	1263.352						4
5			0.013		36.020							39.7		0.635	1223.017						5
6			0.015		36.005		0.0					39.7		0.630	1182.627						6
7			0.016		35.989		212.0	0.276		767.784		27.3		0.607	1134.780						7
8			0.021		35.971		139.2	0.158		448.366		19.8		0.613	1134.367						8
9			0.021		35.950		321.9	0.041		1126.425		19.8		0.664	1113.903						9
10			0.018		35.932		312.7	0.278		813.447		19.8		0.664	1093.349						10
11			0.015		35.917		325.9	0.181		487.365		7.4		0.691	1085.388						11
12			0.0		35.917		345.7	0.049		141.617		0.0		0.639	1084.749						12
13			0.0		35.917		141.6	0.0		10000.000		0.0		0.631	1084.118						13
14			0.0		35.917		377.9	3.801		9618.299				0.510	1083.608						14
15			0.0		35.917		405.2	4.081		9059.018				0.440	1083.168						15
16			0.0		35.917		412.7	4.805		8792.113				0.511	1082.657						16
17			0.0		35.917		449.9	3.395		8335.818				0.534	1082.103						17
18			0.0		35.917		472.2</														

Table C-16

TULARE IRRIGATION DISTRICT
FROM EVANS DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
MAY 1979						JUNE 1979											
1								0.178		398.095						1	
2								0.173		397.922						2	
3								0.156		397.766						3	
4								0.138		397.628						4	
5								0.148		397.480						5	
6								0.164		397.316						6	
7								0.137		397.179						7	
8								0.171		397.008						8	
9								0.172		396.836						9	
10								0.183		396.653						10	
11								0.207		396.446						11	
12								0.168		396.278						12	
13								0.142		396.136						13	
14								0.130		396.004						14	
15								0.129		395.875						15	
16								0.136		395.739						16	
17								0.168		395.631						17	
18			0.131	400.0	0.0			0.140		395.491						18	
19			0.134		399.869			0.142		395.349						19	
20			0.130		399.735			0.144		395.205						20	
21			0.096		399.605			0.157		395.048						21	
22			0.094		399.509			0.134		394.914						22	
23			0.094		399.415			0.142		394.772						23	
24			0.098		399.317		229.3 ^a	0.142		394.628						24	
25			0.131		399.186	165.404 ^b		0.068		394.484						25	
26			0.136		399.050			0.0		394.340						26	
27			0.146		398.904					394.196						27	
28			0.122		398.782					394.052						28	
29			0.110		398.672					393.908						29	
30			0.122		398.550					393.764						30	
31			0.138		398.418					393.620						31	
			0.139		398.273					393.476						31	
TOTAL			1.727	400.0			394.704	3.569								TOTAL	
DAY																DAY	
1																1	
2																2	
3																3	
4																4	
5																5	
6																6	
7																7	
8																8	
9																9	
10																10	
11																11	
12																12	
13																13	
14																14	
15																15	
16																16	
17																17	
18																18	
19																19	
20																20	
21																21	
22																22	
23																23	
24																24	
25																25	
26																26	
27																27	
28																28	
29																29	
30																30	
31																31	
TOTAL																TOTAL	

Table C-17

TULARE IRRIGATOR COMPANY
FROM LOWER KAWAH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
MAY 1976																					
1	0.0		0.0		0.0			0.107		243,148								0.049		213,424	1
2	5.7		0.002		5,698			0.093		243,055								0.071		213,353	2
3	3.4		0.004		9,094			0.099		242,956								0.069		213,284	3
4	0.0		0.004		9,090			0.112		242,844								0.090		213,194	4
5			0.003		9,087			0.106		242,738								0.112		213,082	5
6			0.003		9,084			0.099		242,639								0.119		212,963	6
7			0.004		9,080			0.086		242,553								0.165		212,798	7
8			0.005		9,075			0.073		242,480								0.140		212,658	8
9			0.004		9,071			0.081		242,399								0.162		212,496	9
10	0.0		0.004		9,067			0.041		242,358								0.161		212,335	10
11	4.5		0.005		13,562			0.084		242,274								0.137		212,198	11
12	42.6		0.034		56,128			0.106		242,168								0.136		212,062	12
13	64.9		0.078		120,950			0.115		242,053								0.132		211,904	13
14	65.5		0.111		186,339			0.139		241,924								0.150		211,668	14
15	38.7		0.117		224,922			0.163		241,751								0.147		211,539	15
16	15.7		0.122		240,500			0.154		241,597								0.148		211,333	16
17	4.3		0.115		244,685		0.0	0.134		241,463								0.147		211,186	17
18	0.0		0.098		244,387		64.5	0.114		176,849								0.176		215,010	18
19			0.097		244,490		102.7	0.039		74,110								0.146		214,864	19
20			0.096		244,394		74.110			0.0								0.088		214,776	20
21			0.102		244,292					0.145								0.145		214,631	21
22			0.087		244,205					0.144								0.112		214,487	22
23			0.100		244,105					0.201								0.201		214,286	23
24			0.093		244,012					0.172								0.172		214,114	24
25			0.106		243,906					0.171								0.171		213,943	25
26			0.126		243,780					0.113								0.113		213,830	26
27			0.138		243,642					0.141								0.141		213,689	27
28			0.103		243,539					0.133								0.133		213,576	28
29			0.102		243,437					0.088								0.088		213,458	29
30			0.088		243,349					0.075								0.075		213,473	30
31			0.094		243,255													0.092		209,906	31
TOTAL	245.3		2.045				241.310	1.945			21.61			2.627				3.567			TOTAL
NOVEMBER 1976																					
1			0.097		205,809			0.073		207,699				0.035		205,645		0.032		204,755	1
2			0.135		205,674			0.059		207,630				0.070		205,575		0.032		204,693	2
3			0.110		209,534			0.073		207,557				0.034		205,541		0.063		204,630	3
4			0.073		209,461			0.073		207,484				0.034		205,507		0.063		204,567	4
5			0.190		209,271			0.073		207,411				0.034		205,473		0.062		204,505	5
6			0.190		209,081			0.073		207,338				0.034		205,439		0.031		204,474	6
7			0.152		208,929			0.073		207,265				0.034		205,405		0.062		204,412	7
8			0.114		208,815			0.073		207,192				0.034		205,371		0.061		204,351	8
9			0.114		208,701			0.036		207,156				0.033		205,338		0.030		204,291	9
10			0.114		208,587			0.073		207,083				0.0		205,338		0.060		204,261	10
11			0.098		208,549			0.073		207,010				0.033		205,305		0.060		204,201	11
12			0.0		208,549			0.073		206,937				0.033		205,272		0.059		204,142	12
13			0.098		208,511			0.073		206,864				0.033		205,239		0.059		204,083	13
14			0.098		208,473			0.072		206,792				0.0		205,239		0.088		203,995	14
15			0.037		208,435			0.072		206,720				0.0		205,239		0.087		203,908	15
16			0.075		208,361			0.108		206,612				0.033		205,206		0.087		203,821	16
17			0.037		208,324			0.108		206,504				0.033		205,173		0.086		203,735	17
18			0.037		208,287			0.072		206,432				0.032		205,141		0.113		203,651	18
19			0.037		208,250			0.072		206,360				0.032		205,109		0.113		203,568	19
20			0.037		208,213			0.072		206,288				0.032		205,077		0.057		203,451	20
21			0.037		208,176			0.036		206,252				0.032		205,045		0.0		203,451	21
22			0.0		208,176			0.072		206,180				0.032		205,013		0.053		203,396	22
23			0.037		208,139			0.036		206,144				0.032		204,981		0.087		203,365	23
24			0.037		208,102			0.072		206,072				0.032		204,949		0.087		203,342	24
25			0.037		208,065			0.072		206,000				0.0		204,949		0.079		203,263	25
26			0.037		208,028			0.036		205,964				0.032		204,917		0.079		203,184	26
27			0.037		207,991			0.071		205,893				0.032		204,885		0.052		203,132	27
28			0.073		207,918			0.071		205,822				0.032		204,853		0.077		203,055	28
29			0.073		207,845			0.071		205,751				0.032		204,821		0.032		203,003	29
30			0.073		207,772			0.036		205,715				0.032		204,789		0.032		202,951	30
31								0.035		205,680				0.032		204,757				202,906	31
TOTAL			2.134					2.092						0.993				1.702			TOTAL
MARCH 1977																					
1			0.051		203,004			0.082		200,702				0.074		197,507		0.126		195,153	1
2			0.076		202,928			0.102		200,600				0.073		197,434		0.100		195,053	2
3			0.076		202,852			0.102		200,498				0.096		197,338		0.113		194,940	3
4			0.075		202,777			0.121		200,377				0.095		197,243		0.119		194,821	4
5			0.075		202,702			0.120		200,257				0.082		197,161		0.095		194,726	5
6			0.124		202,578			0.137		200,120				0.070		197,091		0.101		194,625	6
7			0.099																		

Table C-17 (Cont'd)

TULARE IRRIGATION COMPANY
FROM LOWER KANAWH

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
DAY	JULY 1977					DECEMBER 1977					JUNE 1978					JULY 1978					DAY
1			0.128		203,561								78.1	1.186	3548,241						1
2			0.145		203,416								57.5	1.139	3604,602						2
3			0.139		203,277								41.9	1.258	3645,244						3
4			0.126		203,151								39.7	1.268	3683,576						4
5			0.128		203,023								39.7	1.277	3722,099						5
6			0.136		202,895								39.7	1.403	3760,356						6
7			0.157		202,728								39.7	1.539	3798,357						7
8			0.143		202,585								39.7	1.559	3836,698						8
9			0.154		202,431								39.7	1.756	3874,642						9
10		0.0	0.148		202,283								39.7	1.722	3912,620						10
11	56,674	0.108		144,502									39.7	1.454	3950,866						11
12	86,900	0.047		58,554									39.7	1.405	3989,161						12
13	58,554			0.0									39.7	1.708	4027,153						13
14													39.7	1.615	4065,238						14
15													14.9	1.619	4096,319						15
16						0.0				0.0			0.0	67.4	1.675	3967,244					16
17					15.6	0.003				15,597			67.4	1.798	3888,046						17
18					9.4	0.004				24,993			67.4	1.862	3808,784						18
19					0.0	0.004				24,989			67.4	1.674	3729,710						19
20						0.004				24,985			69.9	1.878	3657,932						20
21						0.004				24,981			70.2	1.559	3616,173						21
22						0.007				24,974			70.2	1.890	3534,846						22
23						0.003				24,971			70.2	1.890	3471,756						23
24						0.007				24,964			80.6	1.631	3399,525						24
25						0.003				24,961			74.9	0.915	3313,710						25
26					0.0	0.0				24,961			67.4	1.376	3244,934						26
27					74.4	0.010	-99.351			0.0	0.0		69.9	1.451	3173,587					27	
28					0.0					0.0			105.1	1.448	3086,035						28
29										77.9			126.9	1.299	2997,836						29
30										79.3			126.9	1.405	2899,531						30
31													126.9	1.382	2801,249						31
TOTAL	202,128 ^a	1,561				99.4	0.049	-99.351 ^b		204.3		2.973				629.1	1372.4	46,778			TOTAL
DAY	AUGUST 1978					SEPTEMBER 1978					FEBRUARY 1979					MARCH 1979					DAY
1	126.9	1.438		2758,931									5.7	0.016	86,682						1
2	126.9	1.399		2484,636									3.4	0.016	90,066						2
3	126.9	1.374		2296,362		0.0							0.0	0.024	90,042						3
4	126.9	1.323		2168,523	55.8	0.0				55,800				0.023	90,039						4
5				2040,300										0.023	89,996						5
6	126.9	1.688		1931,772	139.2	0.068				185,932			0.0	0.022	89,974						6
7	126.9	1.660		1783,612	81.8	0.126				267,616			0.0	0.022	89,946						7
8	159.2	0.890		1623,522	22.3	0.150				289,766			21.2	0.033	111,113						8
9	178.5	0.886		1444,136		0.150				289,616			44.7	0.044	155,769						9
10	178.5	0.867		1264,769		0.125				259,491			58.0	0.058	213,711						10
11	178.5	0.686		1085,643		0.126				259,365			55.4	0.052	269,059						11
12	178.5	0.558		906,585		0.152				289,213			37.6	0.076	306,583						12
13	178.5	0.478		727,607		0.128				289,065			19.7	0.021	326,808						13
14	178.5	0.350		548,717		0.127	-288,958			0.0			5.2	0.090	331,363					14	
15	193.4	0.042		55,305									38.7	0.062	370,001					15	
16				0.0									43.1	0.045	413,056						16
17	55.3												11.9	0.023	424,933						17
18													0.0	0.023	424,845						18
19														0.021	424,824						19
20														0.024	424,740						20
21										40.7	0.005		0.0	0.062	424,678						21
22										34.4	0.008			0.060	424,618						22
23										6.0	0.017			0.099	424,519						23
24										0.0	0.017			0.097	424,422						24
25											0.016			0.114	424,308						25
26											0.008			0.096	424,252						26
27											0.016			0.097	424,355						27
28											0.015			0.042	528,313						28
29														0.090	593,323						29
30														64.8	658,074						30
31														35.4	693,349						31
TOTAL	2667.2	14,044			290.1	1.142	-288,958 ^c			81.1		0.102				614.1		1,749			TOTAL
DAY	APRIL 1979					MAY 1979					JUNE 1979					JULY 1979					DAY
1	16.9	0.075		710,714	59.5	0.414				1905,779		2,180		4863,098		129.0	1.367			3036,803	1
2	6.0	0.172		726,002	59.5	0.421				1904,258		2,111		4860,987		138.4	1.165			2897,338	2
3	0.0	0.169		715,833	59.5	0.551				2023,807		1,901		4859,086		143.9	1.022			2752,416	3
4	0.0	0.189		715,644	89.3	0.630				2112,477	0.0	1.686		4857,400		144.0	0.983			2607,433	4
5	17.0	0.190		732,454	107.1	0.633				2218,944	3.7	1.613		4855,287		143.7	0.902			2462,831	5
6	36.3	0.097		770,657	91.0	0.584				2309,360		2.018		4884,269		143.3	0.958			2318,573	6
7	28.0	0.150		808,507	67.7	0.364				2376,696	14.9	1.690		4897,479		143.4	0.961			2174,212	7
8	29.6	0.203		837,904	59.5	0.275				2435,321	0.0	2.106		4895,373		143.6	1.103			2029,609	8
9	29.6	0.210		867,294	59.5	0.609				2494,812		2.115		4893,258		143.9	1.214			1884,59	

Table C-17 (Cont'd)

TULARE IRRIGATION COMPANY
FROM LOWER KAMIAH

DAY	JUNE 1960					JULY 1960					AUGUST 1960					SEPTEMBER 1960					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1										7330.000		64.0	3.438		6166.389		55.8	2.389		3435.657	1
2										7330.000		73.0	3.598		6089.631		0.0	2.487		3433.170	2
3										7330.000		84.8	3.333		6001.486			2.585		3430.585	3
4										7330.000		120.3	2.982		5878.216			2.871		3427.714	4
5						0.0	0.0			7330.000		145.1	2.975		5730.141			2.622		3425.092	5
6						21.1	0.0	2.558		7348.542		148.8	2.969		5578.372	0.0	2.939			3422.153	6
7						0.0	20.9	2.565		7325.077		142.6	2.894		5432.918	93.0	2.211	-1269.0		2057.942	7
8							64.7	2.556		7257.821		101.7	2.879		5328.339	148.8	1.398			1907.804	8
9							70.2	2.343		7185.278		79.4	3.188		5245.811	179.8	1.149			1728.855	9
10							69.4	2.434		7113.444		75.4	3.436		5163.275	198.4	1.168			1527.287	10
11							69.4	2.620		7041.424		73.2	3.049		5087.026	198.4	0.987			1327.900	11
12							69.4	2.432		6969.632		69.4	2.955	+330.0	5344.705	198.4	0.830			1188.670	12
13							69.4	2.905		6897.307		94.2	3.056		5247.449	198.4	0.760			969.510	13
14							69.4	2.697		6825.210		109.1	2.415		5135.934	198.4	0.521			730.589	14
15							57.0	2.998		6765.212		109.1	2.041		5024.793	167.4	0.324			562.865	15
16							49.6	3.210		6712.402		109.1	2.320		4913.373	148.8	0.273			413.792	16
17							49.6	2.712		6660.090		109.1	2.460		4801.813	55.8	0.295			357.697	17
18							31.0	2.725		6606.365		84.3	2.321		4715.192	0.0	0.306			337.391	18
19							19.8	2.748		6563.817		63.2	1.917		4630.075		0.158			337.233	19
20							19.8	3.292		6580.725		59.5	2.474		4588.102		0.271			356.962	20
21							19.8	3.845		6557.080		59.5	2.341		4526.260		0.280			356.682	21
22							19.8	3.661		6533.619		59.5	2.073		4464.687		0.288			356.394	22
23							19.8	3.061		6510.758		59.5	2.357		4402.830		0.347			356.047	23
24							19.8	3.726	+7330.0	6487.232		59.5	2.780		4340.550		0.346			355.702	24
25					7330.000		19.8	2.967		6465.065		59.5	2.796		4278.254		0.344			355.357	25
26					7330.000		19.8	3.487		6441.778		59.5	2.422		4216.332		0.343			355.014	26
27					7330.000		19.8	3.532		6418.446		115.3	2.473		4098.559		0.343			354.671	27
28					7330.000		26.0	3.791		6388.655		148.8	2.562		3947.057		0.288			354.443	28
29					7330.000		31.0	3.389		6354.266		148.8	2.252		3796.045		0.289			354.154	29
30					7330.000		52.8	1.947		6299.519		148.8	2.134		3645.111		0.349			353.805	30
31							63.0	2.912		6233.607		148.8	2.465		3493.846						31
TOTAL					+7330.0 ^d	21.1	1041.0	76.493				2986.8	82.995	+330.0 ^e		1841.4	29.641	-1269.0 ^f			TOTAL
DAY	FOOTNOTES																				DAY
1	a Released to Mutchmans Ditch Company for transfer.																				1
2	b Released because Terminus above allowable storage.																				2
4	c Transferred to Lakeside Ditch Company.																				4
5	d Storage adjusted to maximum allowable.																				5
8	e Transferred to Tulare Irrigation Company (from Ketchum Ditch).																				8
7	f Transferred to Tulare Irrigation District.																				7
8																					8
9																					9
10																					10
11																					11
12																					12
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30																					30
31																					31
TOTAL																					TOTAL

Table C-18

TULARE IRRIGATION COMPANY
FROM KEECHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
MARCH 1976																						APRIL 1976																						MAY 1976																						JUNE 1976																					
1	50.8		0.006		50.794			0.024		80.581	57.6		0.235		59.1433			0.823		1864.419	1																																																																		
2	30.5		0.010		31.884			0.089		80.552	66.6		0.254		657.779			0.716		1863.703	2																																																																		
3	0.0		0.010		31.874			0.017		80.535	66.6		0.304		724.075			0.762		1862.941	3																																																																		
4			0.010		31.864			0.006		80.520	66.6		0.323		790.352			0.801		1862.060	4																																																																		
5			0.088		31.236			0.031		80.518	66.8		0.273		856.877			0.810		1861.270	5																																																																		
6			0.018		31.218			0.027		80.491	67.0		0.256		923.621			0.759		1860.511	6																																																																		
7			0.007		31.193			0.022		80.469	67.0		0.386		990.235			0.659		1859.852	7																																																																		
8			0.007		31.164			0.016		80.453	67.0		0.528		1056.707			0.560		1859.292	8																																																																		
9			0.009		31.155			0.016		80.437	66.8		0.549		1123.058			0.621		1858.671	9																																																																		
10			0.009		31.146			0.016		80.421	66.8		0.527		1189.351			0.316		1858.355	10																																																																		
11			0.008		31.138			0.010		80.411	66.7		0.499		1255.532			0.641		1857.714	11																																																																		
12			0.005		31.113			0.015		80.396	66.4		0.789		1321.143			0.214		1856.900	12																																																																		
13			0.005		31.088			0.017		80.379	66.2		0.856		1386.445		43.6	0.363		1812.437	13																																																																		
14			0.004		31.064			0.020		80.359	66.3		0.866		1451.879		73.3	0.598		1738.139	14																																																																		
15			0.004		31.040			0.015		80.344	66.4		0.788		1517.441		111.8	1.118		1655.321	15																																																																		
16			0.031		31.009			0.009		80.315	66.6		0.806		1583.285		85.1	0.999		1569.222	16																																																																		
17			0.038		30.971			0.028		80.287	66.8		0.776		1649.309		84.8	0.822		1483.600	17																																																																		
18			0.022		30.949			0.023		80.264	67.1		0.690		1715.719		31.6	0.939		1430.861	18																																																																		
19			0.009		30.920			0.038		80.232	67.2		0.710		1782.209		0.0	0.763		1490.096	19																																																																		
20			0.008		30.892			0.032		80.200	67.2		0.727		1848.682		28.19	0.810		1421.090	20																																																																		
21			0.028		30.864	0.0		0.031		80.169	67.3		0.785		1873.197		100.1	0.767		1300.229	21																																																																		
22			0.001		30.843	41.9		0.046		122.023	0.0		0.667		1872.530		90.1	0.724		1221.405	22																																																																		
23			0.020		30.823	67.0		0.066		188.957			0.770		1871.760		110.5	0.711		1110.194	23																																																																		
24			0.007		30.796	67.0		0.109		255.852			0.709		1871.051		118.2	0.694		991.310	24																																																																		
25			0.000		30.776	67.0		0.145		322.707			0.810		1870.241		103.1	0.593		887.614	25																																																																		
26			0.032		30.731	67.0		0.172		389.535			0.963		1869.278		94.0	0.571		793.044	26																																																																		
27			0.013		30.731	25.1		0.180		414.455			1.062		1868.216		94.0	0.523		698.423	27																																																																		
28			0.005		30.706	0.0		0.177		414.478			0.792		1867.166		94.2	0.479		603.746	28																																																																		
29			0.009		30.677	41.9		0.191		455.987			0.784		1866.642		94.7	0.392		508.652	29																																																																		
30			0.036		30.641	68.3		0.219		524.068			0.676		1865.966		95.0	0.275		413.377	30																																																																		
31			0.036		30.605								0.724		1865.242							31																																																																	
TOTAL	81.3		0.695			445.2		1.737			1361.1		19.926				1430.38		21.475		TOTAL																																																																		
JULY 1976																						MAY 1977																						JUNE 1977																						JULY 1977																					
1		94.9	0.190		318.287						54.4		0.235		364.107			0.354		562.937	1																																																																		
2		94.6	0.156		223.331						48.8		0.211		412.096			0.401		562.536	2																																																																		
3		94.6	0.081		128.650						49.0		0.268		460.688			0.385		562.151	3																																																																		
4		94.4	0.005		34.225						18.4		0.292		478.936			0.348		561.803	4																																																																		
5		34.225			0.0						0.0		0.234		478.702			0.353		561.450	5																																																																		
6													0.249		478.453			0.381		561.059	6																																																																		
7													0.300		478.153			0.433		560.636	7																																																																		
8													0.391		477.962			0.394		560.242	8																																																																		
9													0.054		504.608			0.425		559.817	9																																																																		
10													0.153		550.955			0.409		559.408	10																																																																		
11											18.3		0.235		569.020			0.416		558.992	11																																																																		
12											0.0		0.253		568.767		0.0	0.349		558.543	12																																																																		
13													0.221		568.516		23.646	0.438		534.459	13																																																																		
14													0.250		568.266		76.000	0.382		458.077	14																																																																		
15													0.287		567.979		76.000	0.326		381.751	15																																																																		
16													0.267		567.712		76.000	0.192		305.559	16																																																																		
17													0.304		567.408		76.000	0.193		229.366	17																																																																		
18													0.266		567.142		76.000	0.188		153.248	18																																																																		
19													0.255		566.877		76.000	0.050		77.182	19																																																																		
20													0.228		566.649		58.900	0.015		18.267	20																																																																		
21													0.306		566.343		18.267			0.0		21																																																																	
22						42.0		0.015		41.984			0.354		565.979							22																																																																	
23						67.2		0.006		109.156			0.366		565.613							23																																																																	
24						25.2		0.036		134.320			0.329		565.284							24																																																																	
25						0.0		0.056		134.204			0.331		564.953							25																																																																	
26								0.055		134.209			0.353		564.600							26																																																																	
27								0.060		134.149			0.376		564.224							27																																																																	
28								0.065		134.084			0.300		563.924							28																																																																	
29						42.0		0.106		175.978			0.288		563.640							29																																																																	
30						67.2		0.144		244.034			0.349		563.291							30																																																																	
31						67.1		0.192		309.942												31																																																																	
TOTAL	412.925		0.432			310.7		0.758			261.5		8.151				556.813		6.478		TOTAL																																																																		
DECEMBER 1977																						JUNE 1978																						JULY 1978																						AUGUST 1978																					
1											11.9		1.113		3330.196			46.4	1.382		2488.203	1																																																																	
2											0.0		1.052		3328.944			44.4	1.405		2442.398	2																																																																	
3													1.147		3328.597			43.6	1.434		2397.364	3																																																																	
4													1.139		3329.288			43.6	1.019		2352.745	4																																																																	
5													1.132		3329.726			43.6	1.496		2307.649	5																																																																	
6													1.231		3298.195			43.6	1.927		2262.122	6																																																																	
7													1.336		3296.359			43.6	1.566		2216.956	7																																																																	
8													1.336		3290.523			72.2	1.175		2145.981	8																																																																	
9													1.409		3285.534			89.3	1.259		2093.022	9																																																																	
10													1.444		3279.590			89.3	1.345		1962.377	10																																																																	
11													1.202		3263.788			89.3	1.079		1871.998	11																																																																	
12													1.141		3240.347			89.3	1.096		1781.606	12																																																																	
13													1.365		3237.682			89.3	1.110		1691.192	13																																																																	
14													1.270		3196.612			89.3	1.049		1600.843	14																																																																	
15													1.274		3175.538			89.3																																																																					

Table C-18 (Cont'd)

TULARE IRRIGATION COMPANY
FROM KETCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
SEPTEMBER 1978																						
1					39.700																1	
2	0.0		0.0		124.300																2	
3	39.7		0.0		221.419																3	
4	84.6		0.081																		4	
5																					5	
6	97.2		0.132		302.387																6	
7	81.1		0.193		372.394																7	
8	70.9		0.206		398.188																8	
9	26.9		0.172		390.016																9	
10			0.173		397.843																10	
11			0.209		397.634																11	
12			0.175		397.458																12	
13			0.175	-397.263	0.0																13	
14																					14	
15																					15	
16																					16	
17																					17	
18																					18	
19																					19	
20																					20	
21																					21	
22																					22	
23																					23	
24																					24	
25																					25	
26																					26	
27																					27	
28																					28	
29																					29	
30																					30	
31																					31	
TOTAL	398.8		1.517	-397.263		663.1		0.575			2075.0		9.679			2080.2		24.891			TOTAL	
FEBRUARY 1979																						
MARCH 1979																						
APRIL 1979																						
MAY 1979																						
JUNE 1979																						
JULY 1979																						
AUGUST 1979																						
SEPTEMBER 1979																						
OCTOBER 1979																						
NOVEMBER 1979																						
DECEMBER 1979																						
TOTAL																						
JULY 1980																						
AUGUST 1980																						
FOOTNOTES																						
1						13.9		0.043		76.753	a										1	
2						15.1		0.036		61.617	b											2
3						17.2		0.095		44.392	c											3
4								0.034		66.158	d											4
5	0.0	0.0			0.0	21.8		0.058		111.700	e											5
6	22.3		0.008		22.292	58.0		0.090		169.610	f											6
7	35.7		0.020		57.972	65.5		0.123		234.987	g											7
8	35.7		0.033		93.639	23.1		0.136		287.931	h											8
9	25.8		0.039		119.400	45.6		0.159		333.332	i											9
10	18.6		0.047		137.953	4.7		0.205		337.827	j											10
11	16.6		0.057		154.496		7.4	0.198		330.229	k											11
12	14.7		0.079		169.137			0.195	-330.0	0.0												12
13	11.4		0.076		180.461																	13
14	8.7		0.075		189.086																	14
15		5.7	0.081		183.305																	15
16																						16
17	12.6		0.082		170.623																	17
18	8.2		0.066		162.357																	18
19	0.063		0.063		153.894																	19
20	1.2		0.064		142.630																	20
21	2.7		0.078		135.252																	21
22																						22
23	1.9		0.092		127.060																	23
24	1.9		0.089		128.871																	24
25	1.9		0.076		120.695																	25
26																						26
27		4.3	0.090		126.305																	27
28		9.2	0.094		147.091																	28
29																						29
30		9.9	0.074		137.077																	30
31		7.4	0.071		129.606																	31
32		4.7	0.074		124.832																	32
33		7.7	0.062		117.070																	33
34		12.4	0.032		104.638																	34
35		13.9	0.042		90.696																	35
TOTAL	197.9	105.6	1.604			294.3	53.6	1.362	-330.0												TOTAL	

Table C-19

FILLING DITCH COMPANY
FROM LOWER KAWAHA

DAY	OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1						11.9		0.020		141.561			0.025		170.504			0.025		169.735	1
2						9.4		0.042		150.919			0.024		170.480			0.025		169.710	2
3						7.9		0.056		158.753			0.048		170.456			0.025		169.685	3
4						6.7		0.069		165.384			0.048		170.408			0.025		169.660	4
5						3.5		0.024		168.860			0.049		170.359			0.025		169.635	5
6						2.0		0.0		170.850			0.025		170.334			0.025		169.610	6
7						.7		0.024		171.536			0.025		170.309			0.025		169.585	7
8						0.0		0.0		171.536			0.025		170.284			0.025		169.560	8
9						0.0		0.0		171.531			0.025		170.259			0.025		169.535	9
10	0.0					0.0		0.025		171.486			0.025		170.234			0.025		169.510	10
11	7.4		0.003		7.397			0.050		171.436			0.025		170.209			0.0		169.510	11
12	11.9		0.020		19.287			0.075		171.361			0.0		170.209			0.0		169.510	12
13	11.9		0.016		31.171			0.075		171.286			0.0		170.209			0.026		169.484	13
14	11.9		0.022		43.049			0.100		171.186			0.025		170.184			0.026		169.458	14
15	11.9		0.036		54.913			0.100		171.086			0.025		170.159			0.026		169.432	15
16	10.7		0.032		65.581			0.032		171.036			0.025		170.134			0.052		169.380	16
17	7.4		0.035		72.946			0.025		171.011			0.025		170.109			0.052		169.338	17
18	2.2		0.024		75.122			0.050		170.961			0.025		170.084			0.052		169.276	18
19	0.0		0.038		75.098			0.051		170.910			0.049		170.059			0.025		169.250	19
20			0.048		75.050			0.051		170.859			0.025		170.010			0.053		169.197	20
21			0.048		75.002			0.051		170.808			0.050		169.960			0.053		169.144	21
22			0.036		74.966			0.051		170.757			0.025		169.935			0.054		169.090	22
23			0.036		74.930			0.051		170.706			0.0		169.935		6.2	0.053		162.887	23
24			0.036		74.894			0.025		170.681			0.025		169.910		9.9	0.025		152.912	24
25			0.036		74.858			0.051		170.630			0.025		169.885		8.7	0.025		103.188	25
26	0.0		0.012		74.846			0.051		170.579			0.025		169.860		9.9	0.043		124.999	26
27	7.4		0.022		82.222			0.025		170.554			0.0		169.860		9.9	0.040		111.059	27
28	11.9		0.027		94.095			0.0		170.554			0.025		169.835		9.9	0.040		111.305	28
29	11.9		0.061		105.934			0.0		170.554			0.025		169.810		0.0	0.040		111.280	29
30	11.9		0.017		117.817			0.025		170.529			0.025		169.785			0.041		111.230	30
31	11.9		0.036		129.621								0.025		169.760					111.280	31
TOTAL	130.3		0.619			48.1		1.252					0.769				57.5	1.021			TOTAL
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY
1			0.041		111.198	14.9		0.020		160.369	37.9		0.321		1339.552	15.1		0.852		2171.485	1
2			0.041		111.157	20.6		0.022		180.947	37.6		0.495		1375.657	14.9		0.844		2185.541	2
3			0.042		111.115	29.8		0.025		210.782	38.7		0.345		1445.066	15.0		0.922		2199.619	3
4			0.0		111.115	45.0		0.030		255.692	35.5		0.101		1449.455	15.3		0.906		2221.013	4
5			0.021		111.094	51.6		0.106		307.186	41.3		0.206		1490.549	15.7		0.716		2288.997	5
6			0.021		111.073	51.6		0.081		358.705	49.5		0.595		1539.524	15.9		0.622		2344.275	6
7			0.0		111.073	51.6		0.137		410.168	51.6		0.428		1590.696	16.2		0.882		2259.793	7
8	0.0		0.0		111.073	51.6		0.152		461.616	33.7		0.322		1624.074	16.7		1.436		2275.357	8
9	7.4		0.0		110.473	51.6		0.055		513.161	27.0		0.324		1650.750	15.9		1.120		2290.137	9
10	11.9		0.023		130.350	51.6		0.060		564.701	29.4		0.324		1679.826	15.8		1.022		2304.915	10
11	5.7		0.084		136.086	51.6		0.064		616.237	32.0		0.217		1711.609	15.3		0.921		2319.294	11
12	0.7		0.023		136.703	51.6		0.206		657.631	31.4		0.328		1742.681	14.4		1.393		2334.301	12
13	0.0		0.023		136.680	51.6		0.219		719.012	29.7		0.376		1778.025	14.0		1.518		2344.783	13
14			0.023		136.657	48.1		0.229		766.883	33.3		0.440		1804.865	13.9		1.406		2357.277	14
15			0.022		136.635	35.4		0.235		808.048	31.4		0.332		1835.933	14.4		1.231		2370.446	15
16			0.022		136.613	26.5		0.316		888.232	32.0		0.669		1967.264	14.8		1.214		2384.032	16
17			0.022		136.591	23.8		0.397		931.635	41.5		0.676		1908.088	15.3		1.128		2398.204	17
18	0.0		0.023		136.568	21.8		0.238		975.197	39.6		0.569		1947.119	15.8		0.970		2413.034	18
19	1.2		0.038		136.546	21.8		0.320		996.577	30.8		0.797		1977.188	16.3		0.967		2428.367	19
20	0.7		0.021		136.406	31.7		0.327		927.950	21.8		0.790		1998.132	16.5		0.961		2443.906	20
21	0.0		0.042		136.364	34.3		0.333		964.917	17.5		0.778		2024.854	16.7		1.031		2459.575	21
22			0.041		136.323	29.9		0.253		991.564	16.7		0.764		2030.790	17.1		0.882		2475.793	22
23			0.040		136.283	31.4		0.257		1022.707	16.6		0.717		2046.673	17.4		1.025		2492.168	23
24			0.040		136.243	31.4		0.347		1093.760	16.4		0.846		2062.227	18.0		0.951		2509.217	24
25			0.020		136.223	29.7		0.261		1079.199	16.3		0.935		2097.392	18.5		1.095		2526.622	25
26			0.039		136.184	24.0		0.436		1102.761	16.4		0.923		2092.869	18.4		1.311		2541.711	26
27	0.0		0.038		136.146	27.3		0.177		1129.884	17.2		0.916		2109.153	19.2		1.456		2558.455	27
28	0.0		0.038		136.108	35.0		0.250		1164.384	17.5		0.908		2125.745	19.8		1.052		2580.163	28
29	7.4		0.019		145.489	46.7		0.434		1210.790	17.2		0.898		2142.047	21.8		1.093		2600.870	29
30			0.0			48.1		0.568		1258.322	16.1		0.900		2157.247	25.5		0.951		2625.419	30
31			0.0			43.3		0.579		1301.043					2171.247	27.5		1.029		2651.890	31
TOTAL	35.0		0.750			1162.8		7.246			873.4		17.196			527.3		32.657			

Table C-19 (Cont'd)

FLEMING DITCH COMPANY
FROM LOWER KAMAH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
OCTOBER 1976																						JANUARY 1977																						FEBRUARY 1977																						MARCH 1977																					
1	40.5		0.175		766.404	0.0									18.6			0.074		294.140	1																																																																		
2	27.5		0.263		793.641	7.4									16.6			0.117		310.623	2																																																																		
3	26.2		0.265		819.576	0.0									14.6			0.121		325.102	3																																																																		
4	42.7		0.366		861.910	0.0									12.6			0.125		337.577	4																																																																		
5	46.6		0.477		903.033	0.0									11.9			0.129		349.348	5																																																																		
6	39.9		0.530		947.403										10.9			0.222		362.226	6																																																																		
7	32.7		0.761		979.342										9.5			0.283		375.943	7																																																																		
8	27.3		0.663		1005.979										8.0			0.142		389.701	8																																																																		
9	23.3		0.785		1028.494										6.4			0.004		405.092	9																																																																		
10	21.8		0.795		1049.499										4.7			0.008		422.501	10																																																																		
11	18.1		0.699		1066.910										3.4			0.010		438.285	11																																																																		
12	15.9		0.594		1082.116										3.0			0.013		454.484	12																																																																		
13	13.4		0.615		1094.701										2.5			0.012		471.913	13																																																																		
14	9.4		0.701		1103.400										4.0			0.019		490.147	14																																																																		
15	7.9		0.702		1110.598										4.0			0.021		508.573	15																																																																		
16	7.9		0.587		1117.911										6.4			0.023		524.475	16																																																																		
17	6.7		0.705		1123.905										7.9			0.086		542.349	17																																																																		
18	6.0		0.707		1129.196										6.7			0.039		561.617	18																																																																		
19	4.7		0.708		1133.190										7.2			0.042		582.168	19																																																																		
20	4.0		0.590		1136.600										3.0			0.022		594.146	20																																																																		
21	1.5		0.717		1137.383										11.2			0.0		609.946	21																																																																		
22	0.0		0.605		1136.778										38.9			0.035		129.211	22																																																																		
23			0.367		1136.411										167.089			0.022		275.5	23																																																																		
24			0.373		1136.038										28.5			0.026		195.963	24																																																																		
25		0.000	0.046		1135.992										24.1			0.086		239.577	25																																																																		
26			0.048		1135.944										19.3			0.092		238.785	26																																																																		
27			0.083		1135.861										17.9			0.105		275.614	27																																																																		
28		135.0	0.001		0.860										19.1			0.105		275.614	28																																																																		
29		0.86	0.0		0.0										23.3			0.117		282.993	29																																																																		
30															19.3			0.255		282.038	30																																																																		
31															15.4			0.344		237.094	31																																																																		
TOTAL	424.0	1135.86	14.219			7.4	7.398	0.002			276.3		0.686		567.6		6.120				TOTAL																																																																		
APRIL 1977																						MAY 1977																						JUNE 1977																						JULY 1977																					
1	16.4		0.349		851.145	28.6		0.622		1667.489	15.7		1.711		2655.634			1.818		2893.687	1																																																																		
2	16.6		0.443		869.302	32.1		0.625		1698.964	16.0		1.368		2670.266			2.037		2951.250	2																																																																		
3	15.9		0.448		884.794	33.9		0.840		1732.084	16.4		1.561		2685.105			1.936		2984.024	3																																																																		
4	24.6		0.548		908.806	45.0		0.855		1776.169	16.7		1.648		2700.157			1.728		2790.286	4																																																																		
5	32.2		0.562		940.444	51.6		0.762		1827.007	17.2		1.389		2714.028			1.734		2794.852	5																																																																		
6	44.9		0.675		984.669	51.6		0.665		1877.942	18.0		1.422		2732.606			36.3		2716.706	6																																																																		
7	33.2		0.681		1017.188	49.1		0.451		1926.591	19.7		1.723		2750.583			33.3		2681.134	7																																																																		
8	21.7		0.483		1028.405	50.1		0.229		1976.468	19.0		1.108		2768.475			30.3		2641.170	8																																																																		
9	23.7		0.290		1061.815	51.6		0.233		2027.829	15.8		0.958		2783.977			33.1		2651.084	9																																																																		
10	37.9		0.990		1099.221	51.6		0.474		2078.955	15.5		0.778		2798.699			31.4		2680.799	10																																																																		
11	41.0		0.604		1139.617	39.2		0.398		2117.797	17.4		1.163		2814.936			22.3		2556.595	11																																																																		
12	36.7		0.715		1175.602	38.1		0.421		2155.416	21.1		1.259		2834.777			18.0		2536.577	12																																																																		
13	32.2		0.618		1207.184	47.9		0.242		2203.074	26.9		1.262		2860.415			17.8		2466.697	13																																																																		
14	32.2		0.728		1238.756	51.6		0.616		2254.058	30.9		1.482		2890.169			30.4		2484.223	14																																																																		
15	26.0		0.830		1265.926	39.2		1.115		2292.143	44.1		1.482		2922.664			50.0		2434.149	15																																																																		
16	19.2		0.713		1282.413	25.4		0.862		2317.021	51.6		1.403		2922.861			57.1		2375.557	16																																																																		
17	17.1		0.699		1298.014	32.5		1.236		2348.345	51.6		1.626		3032.835			57.3		2314.311	17																																																																		
18	17.4		0.788		1315.426	46.7		0.577		2391.168	47.9		1.445		3079.290			57.2		2285.285	18																																																																		
19	21.0		0.807		1335.539	41.7		1.133		2434.739	41.9		1.463		3119.709			56.8		2195.799	19																																																																		
20	25.9		0.990		1360.449	27.3		1.253		2480.782	33.1		1.271		3151.558			59.8		2135.276	20																																																																		
21	28.6		0.896		1398.153	16.9		1.359		2478.323	19.6	0.0	1.712		3169.446			62.0		2071.586	21																																																																		
22	33.3		0.805		1420.648	16.7		0.971		2494.092	6.0	0.4	2.042		3173.004			59.0		2010.789	22																																																																		
23	34.6		1.014		1454.234	16.9		0.598		2510.354	0.0	7.2	2.045		3163.759			51.8		1957.418	23																																																																		
24	30.1		0.714		1483.680	17.2		0.710		2526.844	10.0	1.835			3151.984			40.7		1907.143	24																																																																		
25	29.3		0.880		1512.100	18.4		1.059		2544.185	29.3	1.829			3124.795			43.5		1862.064	25																																																																		
26	26.7		0.615		1538.184	20.0		1.094		2563.131		38.1	1.986		3084.769			35.4		1824.960	26																																																																		
27	25.3		0.719		1568.765	19.1		1.159		2581.078	30.2	2.094			3058.535			32.5		1790.969	27																																																																		
28	25.6		0.823		1587.742	17.5		1.260		2597.912	30.0	1.629			3050.950			25.1		1764.241	28																																																																		
29	25.8		0.721		1612.821	16.7		1.579		2612.433	35.3	1.502			3049.128			22.5		1739.966	29																																																																		
30	27.0		0.310		1639.511	16.3		1.554		2617.129	38.9	1.823			2943.405			27.7		1710.345	30																																																																		
31						16.1		1.634		2641.645								43.78		1665.117	31																																																																		
TOTAL	822.4		19.983			1029.0		26.866			562.1	215.4	44.940					1222.38		55.908	TOTAL																																																																		
AUGUST 1977																						OCTOBER 1977																						NOVEMBER 1977																						DECEMBER 1977																					
1			1.692		1613.025								0.009		19.410			10.7		0.027		1331.110	1																																																																
2		50.4	1.695		1549.548								0.013		19.397			8.7		0.069		1411.701	2																																																																
3		51.6	1.515		1494.275								0.013		19.384			4.2		0.069		1451.992	3																																																																
4		160.4	1.087		1312.738								0.004		19.360			8.2		0.031		1541.292	4																																																																
5		156.7	1.089		1154.949							0.0			19.337			6.9		0.032		1601.989	5																																																																
6		156.7	0.883		997.366	0.0		0.0		0.0	5.0		0.016		34.758			6.4		0.033		1671.356	6																																																																
7		145.6	0.623		851.143	12.4		0.011		12.399	10.4		0.019		41.639			7.9		0.035		1731.221	7																																																																
8		137.6	0.675		718.868	7.4		0.017		19.772	6.9		0.021		46.818			3.0		0.035		1781.186	8																																																																
9		136.9	0.564		578.404	0.0		0.017		19.755	5.2		0.023		51.495			0.0		0.035		1781.186	9																																																																
10		136.9	0.489		438.015			0.017		19.738	4.7		0.024		54.171					0.035		1781.186	10																																																																
11		136.9	0.315	</																																																																																			

Table C-19 (Cont'd)

FLEMING DITCH COMPANY
FROM LOWER KAWAHA

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																	
JUNE 1978																						JULY 1978					AUGUST 1978					FEBRUARY 1979					DAY	
1						20.6	0.114			430.642					235.294						1																	
2						19.8	0.130			410.712					235.249						2																	
3						19.8	0.135			390.777					235.108						3																	
4						19.8	0.128			370.849					235.006						4																	
5						19.8	0.120			350.959		0.0			234.894						5																	
6						19.8	0.124			331.005		16.1	0.186		218.568						6																	
7						17.4	0.127			313.478		25.8	0.136		198.698						7																	
8						15.9	0.123			297.457		25.8	0.098		166.741						8																	
9						15.9	0.128			281.429		25.8	0.086		140.855						9																	
10						15.9	0.117			265.412		25.8	0.079		114.976						10																	
11						17.1	0.091			248.221		25.8	0.051		89.185						11																	
12						7.9	0.085			240.236		25.8	0.039		61.286						12																	
13						2.0	0.101			238.135		22.1	0.027		41.159						13																	
14						0.7	0.094			237.341		19.8	0.014		21.365						14																	
15						0.0	0.095			237.246		22.3			0.0						15																	
16							0.100			237.146											16																	
17							0.109			237.037											17																	
18							0.115			236.922											18																	
19							0.105			236.817					0.0					0.0	19																	
20							0.121			236.696		10.0		0.001						9.999	20																	
21							0.102			236.594		20.5		0.004						30.495	21																	
22							0.109			236.485		18.0		0.005						48.490	22																	
23							0.129			236.386		15.0		0.013						63.477	23																	
24							0.114			236.242		15.8		0.016						79.261	24																	
25							0.065			236.177		16.3		0.019						95.942	25																	
26							0.100			236.077		16.4		0.011						111.931	26																	
27							0.108			235.969		16.8		0.025						128.706	27																	
28							0.113			235.858		16.9		0.028						145.578	28																	
29							0.104			235.754											29																	
30							0.118			235.636											30																	
31							0.121			235.515											31																	
TOTAL	61.2	0.414				212.4	3.471				294.1	1.370				145.7	0.122				TOTAL																	
MARCH 1979																						APRIL 1979					MAY 1979					JUNE 1979					DAY	
1	15.6		0.030		161.148	5.0	0.064			612.993	2.0	0.178			821.624		9.7	0.264			590.401	1																
2	15.9		0.032		177.016	5.1	0.108			617.245	0.7	0.176			822.148		11.9	0.251			578.290	2																
3	16.6		0.051		191.565	5.4	0.147			623.198	0.0	0.224			821.924		11.9	0.221			566.129	3																
4	16.7		0.055		210.210	5.2	0.167			628.231	0.245	0.245			821.679		11.9	0.192			554.037	4																
5	16.2		0.057		226.353	4.7	0.164			626.767	0.234	0.234			821.445		11.9	0.202			541.935	5																
6	16.1		0.059		242.394	10.8	0.021			643.486	0.208	0.208			821.237		18.1	0.216			523.619	6																
7	15.4		0.081		257.713	14.4	0.122			657.764	0.126	0.126			821.111		15.6	0.175			507.844	7																
8	14.7		0.081		272.332	14.4	0.153			672.001	0.293	0.293			821.018		13.1	0.213			494.531	8																
9	14.5		0.081		286.751	12.9	0.122			684.779	0.200	0.200			820.818		13.9	0.208			480.423	9																
10	14.5		0.081		301.170	11.9	0.142			696.537	0.245	0.245			819.373		13.9	0.212			466.307	10																
11	14.5		0.061		315.609	11.9	0.123			708.314	2.0	0.274			817.099		13.9	0.236			452.171	11																
12	14.5		0.082		330.027	11.9	0.123			720.091	2.0	0.331			814.768		10.1	0.188			441.883	12																
13	14.7		0.096		344.641	11.9	0.165			731.826	0.7	0.355			813.713		7.9	0.155			433.888	13																
14	15.0		0.042		359.599	11.9	0.105			741.521	0.0	0.363			813.350		12.9	0.141			420.787	14																
15	14.6		0.063		374.136	18.1	0.026			751.395	0.298	0.298			813.052		17.1	0.131			403.566	15																
16	14.4		0.042		388.494	15.6	0.206			776.789	0.250	0.250			812.802		17.9	0.135			385.323	16																
17	14.7		0.021		403.173	8.2	0.143			788.846	0.286	0.286			812.516		17.9	0.100			367.323	17																
18	15.3		0.056		418.387	2.2	0.163			786.883	0.266	0.266			812.250		17.9	0.123			349.500	18																
19	15.5		0.022		433.865	0.0	0.188			786.701	1.0	0.272			813.178		20.3	0.118			329.082	19																
20	15.8		0.089		449.576	0.0	0.201			786.500	2.0	0.265			814.913		21.8	0.112			307.170	20																
21	16.2		0.068		465.708	0.000	0.200			786.300	3.0	0.196			817.917		25.5	0.112			281.598	21																
22	16.3		0.058		481.940	0.0	0.198			786.102	1.0	0.198			816.725		30.3	0.085			221.173	22																
23	16.4		0.116		498.224	3.7	0.197			789.609	4.0	0.200			812.525		31.7	0.079			219.398	23																
24	16.5		0.117		514.607	2.3	0.196			791.700	5.2	0.266			807.059		31.7	0.078			187.616	24																
25	16.3		0.142		530.765	12.4	0.158			803.951	6.0	0.273			800.786		31.7	0.052			155.854	25																
26	15.5		0.072		546.193	8.7	0.118			812.533	6.0	0.291			794.495		31.7	0.044			124.110	26																
27	13.8		0.045		569.948	2.0	0.195			814.378	4.7	0.242			789.553		34.2	0.035			89.875	27																
28	22.5		0.046		588.402	2.0	0.171			816.207	5.2	0.237			784.136		37.7	0.022			54.153	28																
29	11.0		0.091		599.311	2.0	0.223			817.984	6.0	0.237			777.899		26.1	0.010			28.027	29																
30	7.2		0.045		601.466	7.0	0.182			819.808	6.0	0.268			771.531		28.0				0.0	30																
31	4.7		0.108		608.057		0.266				6.0	0.266			-165.0							0.0	31															
TOTAL	464.6	2.121				216.6	4.855				9.1	56.0	7.537	-165.0		596.2	4.122				TOTAL																	
JULY 1979																						AUGUST 1979					SEPTEMBER 1979					OCTOBER 1979					DAY	
1					6.1	0.091				48.035	22.6	0.535			596.689		17.1	0.718			842.373	1																
2					7.5	0.060				15.475	26.8	0.694			628.795		12.9	0.907			854.366	2																
3					11.3	0.064				66.711	24.8	0.976			647.019		8.7	0.547			862.519	3																
4					13.2	0.078				79.833	23.1	0.594			669.525		6.7	0.732			868.487	4																
5					13.1	0.100				92.833	21.3	0.765			690.060		6.0	0.734			873.753	5																
6					12.7	0.106				105.427	19.8	0.784			709.076		3.5	0.734			876.519	6																
7					12.3	0.148				117.579	23.5	0.807			731.769		2.0	0.734			877.785	7																
8					13.0	0.173				136.406	17.1	0.659			748.210		0.7	0.549			877.936	8																
9					13.8	0.167				150.039	13.1	0.837			760.473		0.0	0.549			879.206	9																
10					2.4	0.154				147.485	11.4	0.848			771.025			0.547			876.659	10																
11					10.2	0.110				137.175	9.9	1.030			779.895			0.547			876.112	11																
12					9.1	0.110	</																															

Table C-19 (Cont'd)

FLEMING DITCH COMPANY
FROM LOWER KANAWHA

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
NOVEMBER 1979																						DECEMBER 1979																						JANUARY 1980																						FEBRUARY 1980																					
1			0.433		900.998			0.240		912.782			0.109		907.137			0.048		905.181	1																																																																		
2			0.485		900.569			0.361		912.421			0.220		905.917			0.099		905.082	2																																																																		
3			0.423		920.146			0.364		912.057			0.111		908.806			0.065		905.057	3																																																																		
4			0.275		919.871			0.364		911.693			0.112		906.694			0.026		905.031	4																																																																		
5			0.407		919.464			0.243		911.450			0.0		906.694			0.053		904.978	5																																																																		
6			0.401		919.063			0.242		911.208			0.116		906.578			0.027		904.951	6																																																																		
7			0.395		918.668			0.241		910.967			0.118		906.460			0.084		904.867	7																																																																		
8			0.390		918.278			0.363		910.504			0.120		906.340			0.144		904.723	8																																																																		
9			0.258		918.020			0.241		910.363			0.0		906.340			0.149		904.574	9																																																																		
10			0.255		917.765			0.121		910.242			0.108		906.232			0.155		904.419	10																																																																		
11			0.252		917.513			0.0		910.242			0.090		906.142			0.193		904.266	11																																																																		
12			0.252		917.268			0.121		910.121			0.065		906.142			0.168		904.058	12																																																																		
13			0.371		916.767			0.242		909.879			0.081		906.121			0.035		904.023	13																																																																		
14			0.248		916.519			0.121		909.758			0.053		906.068			0.036		903.987	14																																																																		
15			0.496		916.023			0.121		909.637			0.017		906.051			0.074		903.913	15																																																																		
16			0.371		915.652			0.242		909.395			0.017		906.034			0.071		903.842	16																																																																		
17			0.123		915.529			0.242		909.153			0.017		906.017			0.089		903.793	17																																																																		
18			0.122		915.407			0.184		908.969			0.061		905.982			0.093		903.650	18																																																																		
19			0.121		915.286			0.242		908.727			0.054		905.928			0.384		903.536	19																																																																		
20			0.241		915.045			0.242		908.485			0.055		905.873			0.077		903.259	20																																																																		
21			0.237		914.808			0.0		908.185			0.057		905.816			0.132		903.127	21																																																																		
22			0.119		914.689			0.121		908.064			0.039		905.777			0.115		903.012	22																																																																		
23			0.239		914.450			0.180		907.944			0.060		905.717			0.079		902.933	23																																																																		
24			0.119		914.331			0.120		907.824			0.061		905.656			0.103		902.850	24																																																																		
25			0.237		914.094			0.117		907.707			0.081		905.595			0.166		902.666	25																																																																		
26			0.237		913.857			0.0		907.707			0.043		905.592			0.170		902.496	26																																																																		
27			0.119		913.738			0.116		907.591			0.065		905.527			0.131		902.365	27																																																																		
28			0.238		913.500			0.116		907.475			0.089		905.438			0.156		902.209	28																																																																		
29			0.239		913.261			0.117		907.358			0.083		905.415			0.115		902.094	29																																																																		
30			0.239		913.022			0.0		907.358			0.115		905.300			0.071		902.000	30																																																																		
31								0.112		907.246			0.071		905.229						901.911	31																																																																	
TOTAL			8.409					5.776					2.017					3.135			TOTAL																																																																		
MARCH 1980																						APRIL 1980																						MAY 1980																						JUNE 1980																					
1			0.048		908.046			0.228		897.559			0.119		891.059			0.269		883.589	1																																																																		
2			0.073		901.973			0.231		897.328			0.306		890.753			0.263		883.266	2																																																																		
3			0.049		901.924			0.234		897.094			0.294		890.489			0.258		883.008	3																																																																		
4			0.099		901.825			0.088		897.006			0.361		890.130			0.265		882.743	4																																																																		
5			0.049		901.776			0.029		896.977			0.309		889.829			0.261		882.482	5																																																																		
6			0.048		901.728			0.204		896.773			0.259		889.570			0.244		882.238	6																																																																		
7			0.144		901.584			0.174		896.559			0.255		889.315			0.282		881.956	7																																																																		
8			0.169		901.415			0.230		896.369			0.294		889.021			0.291		881.665	8																																																																		
9			0.170		901.245			0.258		896.111			0.042		888.979			0.300		881.365	9																																																																		
10			0.073		901.172			0.229		895.882			0.165		888.814			0.296		881.069	10																																																																		
11			0.223		901.049			0.206		895.596			0.165		888.649			0.294		880.775	11																																																																		
12			0.097		900.925			0.342		895.254			0.187		888.462			0.242		880.533	12																																																																		
13			0.121		900.831			0.339		894.915			0.188		888.274			0.256		880.277	13																																																																		
14			0.121		900.710			0.252		894.663			0.147		888.127			0.294		879.983	14																																																																		
15			0.121		900.589			0.251		894.412			0.253		887.874			0.334		879.649	15																																																																		
16			0.169		900.420			0.332		894.080			0.273		887.601			0.321		879.388	16																																																																		
17			0.122		900.296			0.359		893.793			0.321		887.250			0.320		879.088	17																																																																		
18			0.097		900.203			0.297		893.426			0.404		886.846			0.303		878.705	18																																																																		
19			0.170		900.031			0.327		893.099			0.431		886.415			0.323		878.352	19																																																																		
20			0.220		899.811			0.218		892.881			0.379		886.036			0.256		878.186	20																																																																		
21			0.098		899.713			0.247		892.634			0.259		885.777			0.291		877.635	21																																																																		
22			0.199		899.514			0.140		892.494			0.235		885.542			0.266	-302.6	877.000	22																																																																		
23			0.227		899.287			0.113		892.381			0.178		885.364			0.174		876.886	23																																																																		
24			0.227		899.090			0.168		892.213			0.141		885.223			0.174		876.652	24																																																																		
25			0.086		899.004			0.219		891.998			0.241		884.982			0.174	+0.5	875.000	25																																																																		
26			0.107		898.897			0.240		891.754			0.235		884.747			0.0		875.000	26																																																																		
27			0.164		898.733			0.259		891.495			0.231		884.516			0.0		875.000	27																																																																		
28			0.192		898.541			0.129		891.370			0.189		884.387			0.0		875.000	28																																																																		
29			0.250		898.291			0.084		891.346			0.158		884.229			0.0		875.000	29																																																																		
30			0.279		898.012			0.168		891.178			0.218		884.011			0.0		875.000	30																																																																		
31			0.225		897.787					891.178			0.213		883.798						875.000	31																																																																	
TOTAL			4.307					6.609					7.380					6.751	-302.1		TOTAL																																																																		
JULY 1980																						AUGUST 1980																						SEPTEMBER 1980																						FOOTNOTES																					
1					575,000			9.9	0.195	351.764			8.5	0.013	18,221					a Diverted to Consolidated Peoples Ditch Company.	1																																																																		
2					575,000			18.6	0.195	338.969			3.2	0.011	15,010						b Transferred to Tulare Irrigation District.	2																																																																	
3					575,000			27.5	0.170	305.299		0.6	0.012	15,598							c 12.88 acre-feet diverted in Oakes Ditch.	3																																																																	
4					575,000			29.8	0.140	275.359		0.6	0.014	16,184							d Transferred to Consolidated Peoples Ditch Company.	4																																																																	
5		0.0	0.0		575,000			24.5	0.127	245.432			7.0	0.007	9,177						e Storage adjusted to maximum allowable.	5																																																																	
6		9.9	0.197		564,903		29.8	0.115		215.517			7.3	0.008	1,875						f Transferred from Fleming Ditch.	6																																																																	
7		22.1	0.190		542,613		29.8	0.098		185,619			1.0	0.0	0.0						g Transferred from Fleming Ditch (from Rechem Ditch).	7																																																																	
8		29.8	0.182		516,631		18.6	0.090		166,969			1.9	0.0	0.0							8																																																																	
9		22.1	0.161		491,370		11.9	0.092		134,937			1.9	0.0	0.0							9																																																																	
10		13.6	0.164		480,606		11.9	0.087		142,950			1.9	0.0	0.0							10																																																																	
11		8.7	0.176		471,730		11.9	0.078		130,972			1.9	0.0	0.0							11																																																																	
12		8.0	0.160		463,570		11.9	0.070		119,002																																																																													

Table C-20

FILMING DITCH COMPANY
FROM KETCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																
OCTOBER 1975																						NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY
1						9.9		0.023		170.148			0.041		283.922					0.041	282.654	1															
2						8.6		0.049		178.699			0.040		283.882					0.041	282.613	2															
3						7.9		0.077		186.522			0.040		283.842					0.041	282.572	3															
4						8.6		0.089		193.042			0.081		283.761					0.041	282.531	4															
5						6.0		0.088		199.014			0.081		283.680					0.041	282.490	5															
6	0.0				3.698	6.0	0.0	0.030		205.014			0.041		283.639					0.042	282.448	6															
7	3.7				4.378	6.0	0.0	0.030		210.984			0.041		283.598					0.049	282.406	7															
8	6.0	0.002			9.692	6.0	0.0	0.0		216.984			0.041		283.557				0.0	0.042	282.364	8															
9	4.7	0.006			14.396	6.0	0.0	0.032		222.992			0.041		283.516				6.2	0.041	276.123	9															
10	4.0	0.004			18.382	6.0	0.0	0.033		228.919			0.041		283.475				9.9	0.040	265.183	10															
11	7.7	0.010			26.072	6.0	0.0	0.066		234.851			0.041		283.434				9.9	0.0	256.283	11															
12	9.9	0.019			35.953	4.8	0.0	0.105		239.546			0.0		283.434				9.9	0.0	246.383	12															
13	8.7	0.023			44.630	4.0	0.0	0.105		243.440			0.0		283.434				6.2	0.037	240.146	13															
14	7.9	0.026			52.504	4.0	0.0	0.144		247.426			0.041		283.393				6.4	0.036	233.770	14															
15	7.9	0.040			60.364	4.0	0.0	0.147		251.149			0.041		283.352				7.9	0.035	225.775	15															
16	7.9	0.033			68.211	4.0	0.0	0.075		255.074			0.041		283.311				7.9	0.067	217.808	16															
17	6.7	0.036			76.058	4.0	0.0	0.038		259.036			0.041		283.270				3.0	0.066	214.742	17															
18	6.0	0.026			80.869	4.0	0.0	0.078		262.998			0.041		283.229				0.0	0.066	214.676	18															
19	6.0	0.028			86.841	2.8	0.0	0.079		266.879			0.082		283.147				0.0	0.033	214.643	19															
20	6.0	0.059			92.782	2.0	0.0	0.060		267.599			0.041		283.106					0.061	214.576	20															
21	4.7	0.062			97.480	3.3	0.0	0.080		270.819			0.083		283.063					0.068	214.508	21															
22	4.0	0.048			101.372	2.8	0.0	0.082		273.538			0.041		282.982					0.069	214.439	22															
23	4.0	0.050			105.322	3.3	0.0	0.082		276.756			0.0		282.922					0.070	214.369	23															
24	4.0	0.052			109.270	4.0	0.0	0.042		280.714			0.0		282.911					0.035	214.334	24															
25	4.0	0.054			113.216	2.8	0.0	0.084		283.430			0.041		282.900					0.036	214.299	25															
26	5.2	0.019			118.397	0.7	0.0	0.084		284.046			0.041		282.859					0.072	214.226	26															
27	8.4	0.038			126.759	0.0	0.0	0.042		284.004			0.0		282.859					0.073	214.153	27															
28	8.4	0.039			135.094	0.0	0.0	0.0		284.004			0.041		282.818				6.2	0.075	214.078	28															
29	7.9	0.043			143.337	0.0	0.0	0.0		284.004			0.041		282.777				0.0	0.074	207.808	29															
30	7.9	0.021			151.116	0.0	0.0	0.041		283.963			0.041		282.736				9.9	0.071	197.833	30															
31	9.2	0.045			160.271	0.0	0.0	0.0		282.695			0.041		282.695				9.9	0.068	187.865	31															
TOTAL	161.1		0.829			125.5		1.808					1.268						93.3	1.530		TOTAL															
FEBRUARY 1976																						MARCH 1976					APRIL 1976					MAY 1976					DAY
1		8.7	0.066		179.099	4.4	0.0	0.033		269.232	10.3	0.167		571.893					0.316		795.024	1															
2		9.2	0.063		169.836	6.4	0.0	0.033		270.599	10.3	0.210		581.983					0.307		794.717	2															
3		8.7	0.061		161.075	10.3	0.0	0.034		280.865	10.3	0.126		592.137					0.333		794.394	3															
4		6.3	0.066		151.175	10.3	0.0	0.034		291.131	10.3	0.042		602.415					0.365		794.059	4															
5		6.7	0.028		146.447	10.3	0.0	0.104		301.387	10.3	0.085		612.630					0.255		793.804	5															
6		4.7	0.027		141.720	9.1	0.0	0.070		310.357	10.3	0.232		622.718					0.200		793.584	6															
7		5.2	0.0		136.990	8.3	0.0	0.106		318.551	10.3	0.170		632.848					0.329		793.279	7															
8		6.0	0.0		130.570	9.6	0.0	0.108		328.043	10.3	0.127		643.021					0.396		792.879	8															
9	0.0	3.3	0.0		127.080	10.3	0.0	0.037		338.306	10.3	0.128		653.193					0.389		792.491	9															
10	5.3	0.0	0.024		132.496	10.3	0.0	0.037		348.569	10.3	0.128		663.365					0.351		792.140	10															
11	6.7	0.025			141.171	10.3	0.0	0.037		358.832	10.3	0.086		673.579					0.314		791.826	11															
12	7.9	0.025			149.046	10.3	0.0	0.114		369.018	10.3	0.129		683.750					0.473		791.333	12															
13	6.3	0.026			155.520	10.3	0.0	0.115		379.203	10.3	0.137		693.903					0.312		790.841	13															
14	5.9	0.027			161.393	10.3	0.0	0.116		389.387	10.4	0.172		704.131					0.471		790.370	14															
15	5.9	0.027			167.266	10.3	0.0	0.117		399.570	10.4	0.129		714.402					0.410		789.960	15															
16	6.0	0.028			173.236	10.3	0.0	0.156		409.714	10.3	0.259		724.443					0.402		789.558	16															
17	6.0	0.028			179.210	10.3	0.0	0.196		419.818	10.3	0.260		734.483					0.371		789.187	17															
18	6.0	0.028			185.182	10.3	0.0	0.117		430.031	10.3	0.217		744.566					0.317		788.870	18															
19	7.9	0.030			191.322	10.3	0.0	0.157		440.134	10.3	0.304		754.562					0.314		788.556	19															
20	7.9	0.030			197.496	10.3	0.0	0.159		450.285	10.2	0.304		764.460				0.0	0.310		788.246	20															
21	7.9	0.028			203.690	10.3	0.0	0.159		460.426	10.1	0.299		774.261				7.5	0.333		795.413	21															
22	6.6	0.024			210.566	10.3	0.0	0.120		470.566	3.8	0.253		777.768				12.2	0.288		807.325	22															
23	6.0	0.024			220.502	10.3	0.0	0.121		480.785	0.0	0.272		777.496				12.2	0.337		819.188	23															
24	6.0	0.025			226.437	10.3	0.0	0.162		490.983	0.0	0.319		777.177				12.3	0.315		831.173	24															
25	6.0	0.033			232.404	10.3	0.0	0.121		501.102	0.0	0.350		776.827				12.3	0.365		843.108	25															
26	6.0	0.027			238.337	10.3	0.0	0.203		511.199	0.0	0.343		776.484				12.3	0.441		854.967	26															
27	6.0	0.028			244.269	10.3	0.0	0.082		521.417	6.3	0.340		782.444				12.3	0.493		866.774	27															
28	6.0	0.029			250.200	10.3	0.0	0.164		531.353	10.1	0.338		792.672				12.3	0.372		878.702	28															
29	9.7	0.033			259.865	10.3	0.0	0.198		541.659	3.6	0.334		799.340				12.3	0.351		890.660	29															
30						10.3	0.0	0.249		551.710	0.0	0.332						12.3	0.327		902.601	30															
31						10.3	0.0	0.250		561.760	0.0	0.355						12.3	0.355		914.646	31															
TOTAL	133.7	60.6	1.100			305.6		3.705			240.2		6.620					130.4	11.094			TOTAL															
JUNE 1976																						JULY 1976					AUGUST 1976					OCTOBER 1976					DAY
1	12.4		0.409		906.637	8.1	0.1	0.571		957.637	0.463		736.092					5.2	0.001		5.199	1															
2	12.3		0.361		938.576	8.1	0.1	0.663		988.874	0.550		735.502					0.005			14.894	2															
3	12.4		0.299		960.287	8.1	0.1	0.989		940.125	0.562		734.940					0.009			24.086	3															
4	12.5		0.445		968.642	8.1	0.1	0.684		931.401	0.656		734.284					0.014</																			

Table C-20 (Cont'd)

FLEMING DITCH COMPANY
FROM KERRICH DITCH

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
DAY	NOVEMBER 1976					DECEMBER 1976					JANUARY 1977					FEBRUARY 1977					DAY	
1			0.01		22,844	2.0		0.010		29,143			0.005		31,530			0.005		31,287	1	
2		0.0	0.015		22,829	2.0		0.010		31,233			0.011		31,519			0.005		31,082	2	
3		7.4	0.010		15,419	0.7		0.011		31,029			0.005		31,514			0.010		31,272	3	
4		11.9	0.021		5,218	0.0		0.011		31,811			0.005		31,407		2.9	0.010		34,162	4	
5		3.5	0.021		0.0	0.0		0.011		31,800			0.005		31,402		3.2	0.011		37,351	5	
6								0.011		31,789			0.005		31,397		2.5	0.005		39,845	6	
7								0.011		31,778			0.005		31,392		3.9	0.013		43,732	7	
8								0.011		31,767			0.005		31,387		3.3	0.014		47,018	8	
9								0.006		31,761			0.005		31,382		2.4	0.007		49,411	9	
10								0.011		31,750			0.0		31,382		3.9	0.015		53,095	10	
11								0.011		31,739			0.005		31,377		4.5	0.017		57,778	11	
12								0.011		31,728			0.005		31,372		3.2	0.018		60,960	12	
13								0.011		31,717			0.005		31,367		2.5	0.019		63,142	13	
14								0.011		31,706			0.0		31,367		2.4	0.028		65,814	14	
15								0.017		31,695			0.0		31,367		3.9	0.030		69,684	15	
16	0.0							0.017		31,678			0.005		31,362		4.6	0.032		74,252	16	
17	1.2		0.0		1,200			0.017		31,661			0.005		31,357		4.6	0.033		78,619	17	
18	2.0		0.001		3,199			0.011		31,650			0.005		31,352		4.6	0.047		83,372	18	
19	2.0		0.001		5,198			0.011		31,639			0.005		31,347		4.6	0.049		87,983	19	
20	2.0		0.001		7,197			0.011		31,628			0.005		31,342		3.3	0.025		91,398	20	
21	2.0		0.002		9,195			0.006		31,622			0.005		31,337		3.7	0.0		94,898	21	
22	2.0		0.002		11,195			0.011		31,611			0.005		31,332		8.2	0.028		103,070	22	
23	2.0		0.002		13,193			0.006		31,605			0.005		31,327		7.9	0.015		110,955	23	
24	2.0		0.003		15,190			0.011		31,594			0.005		31,322		6.5	0.015		117,440	24	
25	2.0		0.003		17,187			0.011		31,583			0.0		31,322		5.2	0.048		122,592	25	
26	2.0		0.003		19,184			0.005		31,578			0.005		31,317		4.4	0.049		126,943	26	
27	2.0		0.004		21,180			0.011		31,567			0.005		31,312		4.4	0.034		131,309	27	
28	2.0		0.008		23,177			0.011		31,556			0.005		31,307		4.4	0.052		135,657	28	
29	2.0		0.009		25,163			0.005		31,545			0.005		31,302							29
30	2.0		0.010		27,153			0.005		31,540			0.005		31,297							30
31	2.0		0.005		29,143			0.005		31,535			0.005		31,292							31
TOTAL	27.2	22.8	0.094			4.7		0.318				0.1 ^c	0.141			105.0		0.635			TOTAL	
DAY	MARCH 1977					APRIL 1977					MAY 1977					JUNE 1977					DAY	
1	3.1		0.035		138,722	3.7		0.089		221,390	11.6		0.190		509,210			0.515		799,236	1	
2	2.4		0.093		141,069	4.6		0.113		221,877	12.1		0.192		521,118			0.409		798,827	2	
3	2.4		0.094		143,415	4.6		0.115		226,362	12.1		0.259		532,959		0.0	0.464		798,353	3	
4	2.4		0.094		145,761	7.0		0.141		231,221	11.6		0.262		544,297			0.492		805,571	4	
5	2.4		0.095		148,106	6.5		0.144		234,577	11.5		0.232		555,565			0.400		817,471	5	
6	2.4		0.092		150,451	9.8		0.172		237,205	11.2		0.281		566,964			0.431		829,340	6	
7	2.4		0.074		152,740	10.3		0.175		241,330	10.3		0.135		578,789			0.527		841,213	7	
8	2.4		0.096		155,084	10.4		0.126		271,604	10.5		0.068		587,161			0.341		853,272	8	
9	2.4		0.019		157,465	10.3		0.077		281,827	11.7		0.069		598,792			0.092		857,780	9	
10	2.4		0.097		159,808	10.4		0.131		292,096	11.6		0.139		610,253			0.295		857,542	10	
11	2.4		0.098		162,150	10.4		0.160		302,336	11.8		0.105		621,948			0.3		864,485	11	
12	2.4		0.098		164,492	10.4		0.190		312,546	12.1		0.141		633,907			0.389		875,796	12	
13	2.4		0.098		166,834	10.4		0.165		322,781	12.0		0.071		645,836			0.391		887,105	13	
14	2.4		0.095		169,175	10.4		0.196		332,985	11.5		0.179		657,157			0.395		898,410	14	
15	2.4		0.099		171,516	10.4		0.225		343,160	11.8		0.325		668,632			0.460		909,750	15	
16	2.2		0.020		173,696	10.3		0.197		353,263	12.0		0.253		680,379			0.433		920,317	16	
17	2.3		0.060		175,936	10.2		0.196		363,267	12.0		0.364		692,015			0.499		930,118	17	
18	2.4		0.040		178,296	10.2		0.224		373,243	11.3		0.257		703,908			0.441		939,877	18	
19	2.4		0.061		180,635	10.6		0.255		383,288	11.6		0.332		714,326			0.443		946,434	19	
20	2.4		0.061		182,974	10.7		0.287		394,001	12.0		0.370		725,956			0.384		953,350	20	
21	2.4		0.082		185,292	10.6		0.261		404,340	11.8		0.404		737,352			0.519		959,931	21	
22	2.4		0.101		187,589	10.6		0.235		414,705	11.8		0.289		748,463			0.622		966,409	22	
23	3.6		0.091		191,106	10.6		0.296		425,009	0.0		0.176		741,287			0.688		972,121	23	
24	4.4		0.063		195,443	10.6		0.210		435,399	7.7		0.210		748,777			0.569		976,812	24	
25	4.4		0.021		199,822	10.6		0.242		445,757	12.3		0.317		760,760			0.574		980,738	25	
26	3.0		0.096		202,736	10.6		0.183		456,174	12.3		0.318		772,742			0.615		984,623	26	
27	2.2		0.108		204,628	10.6		0.215		466,599	12.3		0.352		784,690			0.657		985,666	27	
28	2.2		0.096		206,942	10.6		0.207		476,922	12.3		0.387		796,603			0.523		995,143	28	
29	2.3		0.109		209,133	10.6		0.238		487,294	4.6		0.404		808,719			0.496		994,647	29	
30	2.4		0.066		211,467	10.6		0.094		497,800	0.0		0.473		800,246			0.609		994,038	30	
31	2.4		0.098		213,779								0.495		799,751						31	
TOTAL	80.1		1.978			289.6		5.579			310.0		8.049			198.2		13.913			TOTAL	
DAY	JULY 1977					AUGUST 1977					SEPTEMBER 1977					OCTOBER 1977					DAY	
1			0.618		983,420			1.006		959,018												

Table C-20 (Cont'd)

FLEMING DITCH COMPANY
FROM KETCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
SEPTEMBER 1978																					
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9	6.0	0.0	0.0		0.0																
10	6.1	3.0	0.002		1.099																
11	9.7	7.9	0.002		4.696																
12	9.3	7.9	0.003		6.293																
13	9.3	7.9	0.003		7.690																
14	9.3	7.9	0.004		9.086																
15	9.4	7.9	0.004		10.480																
16	9.3	7.9	0.009		12.171																
17	9.3	7.9	0.008		13.763																
18	9.3	7.9	0.008		15.355																
19	9.3	7.9	0.009		16.946																
20	9.3	7.9	0.011		18.535																
21	9.2	7.9	0.012		19.623																
22	9.1	7.9	0.013		20.808																
23	9.1	7.9	0.015		21.992																
24	9.1	7.9	0.013		23.177																
25	8.9	10.4	0.016		21.661																
26	6.7	14.4	0.010		15.951																
27	8.7	13.9	0.009		8.746	6.2		0.002		6.199											
28	8.6	13.9	0.002		1.445	3.7		0.002		9.897											
29	4.1	3.6			0.0																
30																					
31																					
TOTAL	185.8	185.7	0.135			9.9		0.003					0.057					0.064			TOTAL
FEBRUARY 1979																					
MARCH 1979																					
APRIL 1979																					
MAY 1979																					
JUNE 1979																					
JULY 1979																					
AUGUST 1979																					
TOTAL			0.067			9.7 ^a		0.105		192.7		1.353		135.2	44.6	3.193	-214.6			TOTAL	
SEPTEMBER 1979																					
OCTOBER 1979																					
NOVEMBER 1979																					
DECEMBER 1979																					
TOTAL	99.4		2.232			71.0		3.079		60.1		2.475		1.816						TOTAL	

Table C-21

KANZAS DELTA WATER CONSERVATION DISTRICT

DAY	JUNE 1978					JULY 1978					AUGUST 1978					SEPTEMBER 1978					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1						167.6		4.178		12512.949		331.1	2.492		4487.081		602.4	0.478		497.598	1	
2						123.1		3.990		12638.099		355.6	2.370		4119.111		486.066	0.014		11.518	2	
3						28.6		4.364		12858.295		403.5	2.222		3733.889		11.518	0.0		0.0	3	
4							2.6	4.349		12845.346		386.1	1.441		3325.848		0.0	0.0		0.0	4	
5						69.4	4.310			12571.636		364.1	1.919		2959.889	1809.102	0.0	0.0		1809.102	5	
6							160.4	4.627		12406.609		141.6	2.299		2815.830	1814.0	1.323			3631.779	6	
7						260.9	4.926			12140.793		53.3	1.951		2760.579	1082.8	2.047			4702.532	7	
8						275.7	4.817			11860.276		151.3	1.540		2607.849	987.6	2.942			5687.190	8	
9						211.9	5.275			11643.103		252.7	1.444		2353.705	973.748	3.443			6655.497	9	
10						137.3	5.053			11500.738		287.6	1.416		2064.689	764.648	3.213			7416.930	10	
11						167.4	4.171			11389.167		287.6	1.083		1776.056	367.8	3.299			7581.431	11	
12						206.0	3.926			11119.291		302.6	0.906		1472.950	110.1	4.046			7687.485	12	
13						233.1	4.615			10881.536		303.379	0.767		1118.414	110.8	3.447			7794.838	13	
14						293.9	4.203			10583.433		335.0	0.546		832.668	187.5	3.520			7978.818	14	
15						312.7	4.119			10266.614		229.1	0.402		533.366	268.927	5.064			8242.681	15	
16						283.9	4.213			9978.501		213.2	0.208		319.958	269.2	5.949			8505.932	16	
17						294.5	4.464			9679.537		132.7	0.152		187.106	251.8	5.351			8732.361	17	
18						297.1	4.564			9377.677		74.3	0.076		112.730	239.5	4.721	-868.811		8959.424	18	
19						308.2	4.036			9065.641	101.3	0.153		213.877	248.9	4.393			9362.856	19		
20						321.9	4.450			8739.291	176.5	0.317		390.060	242.9	5.292			8600.464	20		
21						316.0	3.630			8419.661	176.2	0.398		565.862	237.5	5.462			8832.502	21		
22						297.9	3.728			8118.033	115.5	0.451		680.911	226.0	6.422			9052.080	22		
23						314.4	4.245			7799.268	85.0	0.474		765.437	200.5	6.606			9245.974	23		
24						335.5	3.590			7460.288	82.489	0.650		82.167	186.3	5.211			9465.360	24		
25						389.1	1.968			7130.230	99.417	0.650		942.156	171.6	6.280			9591.040	25		
26						320.1	2.888			6807.242	265.7	0.751		1207.105	143.0	6.191			9727.849	26		
27						344.2	2.954			6450.088	380.794	1.164		1586.735	131.5	5.295			9859.424	27		
28	83.1		3.337		11666.000	344.2	2.655			6047.233	120.7	1.316		1706.119	116.0	5.583			9963.641	28		
29	137.9		3.557		12804.763	431.6	2.482			5612.951	58.6	1.361		1646.158	97.94	6.681			10055.105	29		
30	173.2		3.779		12349.527	424.1	2.594			5186.257	63.5	1.249		1551.409	82.7	7.817			10129.988	30		
31						363.1	2.484			4800.673	179.979	0.954		1100.476							31	
TOTAL	394.2		10.673			315.3	7722.1	122.054			15999.550	5086.858	32.889			11120.37	1099.981	122.054	-868.811		TOTAL	
DAY	APRIL 1979					MAY 1979					JUNE 1979					JULY 1979					DAY	
1						53.1		0.088		130.493		0.0	2.167		4834.384		268.1	0.160		355.308	1	
2						36.5		0.036		166.997		98.0	2.141		4930.243		118.9	0.095		236.313	2	
3						41.2		0.057		208.100		217.5	2.013		5145.730		30.0	0.077		206.236	3	
4						99.6		0.092		307.608		287.4	1.885		5431.245		15.4	0.070		190.764	4	
5						128.9		0.124		436.384		127.7	2.073		5556.872		9.4	0.066		181.298	5	
6						468.6		0.229		904.755		19.8	0.0	2.303	5574.369		1.7	0.074		179.524	6	
7						662.7		0.240		1567.215		48.4	1.906		5524.063		1.7	0.079		177.745	7	
8						553.7		0.240		2120.675		126.5	2.321		5395.242		5.8	0.085		171.860	8	
9						454.8		0.628		2974.847		148.8	2.266		5244.176		14.7	0.093		157.067	9	
10						167.0		0.820		2743.027		148.8	2.308		5093.068	0.0	5.2	0.076		151.191	10	
11						7.9		0.921		2748.006		148.8	2.576		4941.692	12.0	0.0	0.070		163.729	11	
12						14.1		1.121		2760.985		106.6	2.095		4833.037	9.8	0.088			173.441	12	
13						24.1		1.214		2781.871		51.2	1.698		4780.139	0.0	0.099			173.342	13	
14						27.7		1.254		2810.317		129.5	1.540		4609.099		0.102			173.240	14	
15						32.8		1.043		2842.074		189.8	1.436		4417.863		0.114			173.126	15	
16						40.7		0.888		2881.886		209.3	1.448		4207.115		0.127			172.999	16	
17						68.5		1.039		2949.347		211.3	1.091		3994.724		0.113			172.886	17	
18						96.3	4.5	0.963		2993.884		271.3	1.314		3722.110		0.0	0.113		172.773	18	
19						129.1		1.056		3161.998		319.2	1.218		3403.692		15.5	0.116		157.257	19	
20						192.7		1.188		3653.440		293.9	1.134		3106.658		0.0	0.063		157.054	20	
21						649.3		1.033		4301.707		227.9	1.146		2877.612		0.071			157.023	21	
22						403.0		1.106		4703.601		222.7	0.900		2624.012		0.101			156.992	22	
23						111.8		1.185		4814.216		223.7	0.872		2499.440		0.095			156.827	23	
24						17.1		1.590		4829.726		277.1	0.889		2151.466		0.118			156.709	24	
25						0.0		1.647		4828.079		273.3	0.751		1877.417		0.118	-20.0		136.591	25	
26						0.0		1.767		4826.312		310.7	0.555		1566.162		0.104			136.487	26	
27	0.0		0.0		0.0	11.2		1.450		4836.032		308.8	0.495		1262.867		0.091			136.396	27	
28	12.5		0.004		-14.5	6.7		1.341		4841.391		197.9	0.423		1264.244		0.104			139.004	28	
29	32.3		0.010		36.238	0.0		1.477		4839.914		190.4	0.321		412.071		41.2	0.071	-17.3	77.733	29	
30	41.2		0.017		77.421	0.0		1.679		4838.235		250.0	0.243		623.568		10.1	0.058		67.575	30	
31						0.0		1.694		4836.551							22.3	0.0	0.088		89.787	31
TOTAL	92.0		0.031		-14.5	4792.8	4.5	29.170			750.4	4919.9	43.488			44.1	537.7	2.901	-37.3		TOTAL	
DAY	AUGUST 1979					SEPTEMBER 1979					OCTOBER 1979					NOVEMBER 1979						

Table C-21 (Cont'd)

KANEAN DELTA WATER CONSERVATION DISTRICT

DAY	AUGUST 1980					SEPTEMBER 1980					OCTOBER					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1	193.5	6.016	10854.052			994.0	6.824	9811.660								a Transferred to Lakeside Ditch Company.	1
2	123.2	6.267	10724.585			795.3	6.578	9078.782								b Loss water released.	2
3	204.4	5.839	10314.346			387.6	6.544	8684.638								c Transferred to Evans Ditch Company.	3
4	209.5	5.225	10299.621			288.5	7.028	8389.110								d Transferred to Watson Ditch Company.	4
5	256.2	5.213	10038.208			323.4	6.170	8059.540								e Transferred to Persian Ditch Company.	5
6	379.7	5.138	9653.370			260.9	6.691	7791.949								f Transferred from Mathews Ditch.	6
7	446.4	4.834	9202.136			242.4	5.013	7544.536								g Storage adjusted to maximum allowable.	7
8	216.4	4.852	8986.884			405.0	5.003	7131.533								h Transferred to Evans Ditch from Lower Kaveah.	8
9	317.8	5.560	-100.0 ^g			336.3	4.552	6990.581								i Transferred to Corcoran Irrigation District.	9
10	640.1	5.987	-20.0 ^g		85.9	5.406		7071.039								j Transferred to Watson Ditch Company and to Persian Ditch Company.	10
11	274.1	6.057	10005.280			291.6	5.037	6774.402								k Transferred to Evans Ditch Company and to Persian Ditch Company.	11
12	107.9	5.957	10107.823			897.4	4.349	5912.653								l Transferred to Evans Ditch Company, to Watson Ditch Company, and to Persian Ditch Company.	12
13	64.5	5.921	10165.732			1068.9	3.957	4839.796								m 100.0 acre-feet transferred to Persian Ditch Company and 55.0 acre-feet transferred to Corcoran Irrigation District.	13
14	92.8	4.734	10018.198			1055.4	2.699	3781.697									14
15	170.3	3.998	9843.900			1150.6	1.515	2689.582									15
16	317.4	4.796	10001.504			1086.5	1.017	1542.065									16
17	677.1	5.467	10283.137			897.4	0.953	1153.812									17
18	669.7	5.507	11187.330		25.3	387.3	1.009	1178.103									18
19	712.2	4.903	11794.627		23.8		0.530	1201.373									19
20	772.5	6.774	12460.353		25.0		0.930	1225.443									20
21	832.1	6.872	13185.581		24.6		0.979	1249.064									21
22	804.0	6.491	13983.090			8.3	1.002	1239.774									22
23	771.1	7.894	14746.296			86.0	1.123	1152.651									23
24	751.6	9.353	15488.001		35.5		1.156	1187.023									24
25	494.4	10.432	15971.965		37.7		1.183	1223.540									25
26		137.9	9.089	13824.013	16.3		1.198	1238.642									26
27		653.3	9.148	15162.462	0.0		1.196	1237.446									27
28		998.3	9.547	14154.615			0.797	1236.649									28
29		1076.6	7.755	13070.289			1.008	1235.641									29
30		1136.1	6.982	11387.207			1.217	1234.424									30
31		1107.1	7.608	10812.479													31
TOTAL	5236.5	7401.7	200.876	-875.0		274.1	9759.4	92.764									TOTAL

Table C-22

KAWAHA DELTA WATER CONSERVATION DISTRICT
FROM CENTRAL VALLEY PROJECT

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
																						FEBRUARY 1979
1																						1
2																						2
3																						3
4																						4
5																						5
6																						6
7																						7
8																						8
9																						9
10																						10
11																						11
12																						12
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25																						25
26																						26
27																						27
28																						28
29																						29
30																						30
31																						31
TOTAL																						TOTAL
DAY																						DAY
1																						1
2																						2
3																						3
4																						4
5																						5
6																						6
7																						7
8																						8
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26																						26
27																						27
28																						28
29																						29
30																						30
31																						31
TOTAL																						TOTAL
DAY																						DAY
1																						1
2																						2
3																						3
4																						4
5																						5
6																						6
7																						7
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27																						27
28																						28
29																						29
30																						30
31																						31
TOTAL																						TOTAL
DAY																						DAY

Table C-23 (Cont'd)

OAKRIDGE DITCH COMPANY
FROM LOWER KANAWHA

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																
APRIL 1977																						MAY 1977					JUNE 1977					SEPTEMBER 1977					DAY
1								0.013		40,385	14.2		0.109		169,583						1																
2								0.013		40,370	14.5		0.094		181,989						2																
3								0.080		40,550	14.9		0.116		195,773						3																
4								0.080		40,530	15.2		0.131		213,842						4																
5								0.017		40,513	13.7		0.111		227,431						5																
6																					6																
7								0.014		40,499	4.8		0.121		238,110						7																
8								0.009		40,490	0.0		0.143		238,965						8																
9								0.005		40,485	6.1		0.095		237,970						9																
10								0.005		40,480	11.8		0.087		249,743						10																
11								0.009		40,471	13.8		0.073		263,470						11																
12								0.007		40,464	5.4		0.111		268,759						12																
13								0.009		40,455	0.0		0.119		268,640						13																
14								0.004		40,451			0.118		268,522						14																
15								0.011		40,440			0.113		268,404						15																
16								0.003		40,428			0.136		268,268						16																
17	9.9		0.006		9,894			0.013		40,405			0.126		268,142	2.5		0.0			17																
18	15.6		0.011		25,450			0.021		40,384			0.144		267,998	9.3		0.002			18																
19	11.8		0.002		37,258			0.015		40,369			0.126		267,872	14.5		0.004			19																
20	3.6		0.007		40,831			0.019		40,350		0.0	0.125		267,747	8.4		0.005			20																
21	0.0		0.030		40,801	0.0		0.021		40,389			0.105		260,642	1.5		0.005			21																
22			0.006		40,773	9.7		0.007		50,002	9.9		0.135		250,607	0.0		0.005			22																
23			0.003		40,752	15.2		0.007		65,177	15.5		0.151		234,956	0.0		0.010			23																
24			0.000		40,704	15.2		0.019		80,355	21.0		0.138		213,818	10.2		0.006			24																
25			0.000		40,704	15.2		0.007		95,831	30.9		0.106		192,812	20.4		0.018			25																
26			0.002		40,682	5.9		0.042		101,689	33.9		0.087		148,825	8.6		0.010			26																
27			0.016		40,666	0.0		0.042		101,647	33.2		0.072		115,553	9.3		0.0			27																
28			0.019		40,647	0.0		0.046		101,601	33.5		0.055		81,998	20.5		0.010			28																
29			0.001		40,626	9.7		0.054		111,247	37.0		0.084		44,974						29																
30			0.018		40,608	15.1		0.076		126,271	37.7		0.004		7,270						30																
31			0.008		40,600	14.2		0.096		141,085	7.3				0.0						31																
TOTAL	40.9		0.300			115.7		0.808			114.4	266.9	3.022			105.2		0.075		-105.1 ^b	TOTAL																
JUNE 1978																						JULY 1978					AUGUST 1978					SEPTEMBER 1978					DAY
1								7.9	0.104	310,910			0.179		321,689						1																
2								0.0	0.096	302,914			0.185		321,704						2																
3								1.7	0.104	301,110			0.192		321,512						3																
4								2.0	0.104	303,006			0.139		321,373	0.0					4																
5								2.0	0.105	304,901		0.0	0.208		321,165	1.2		0.0			5																
6																					6																
7								2.0	0.114	306,787		2.5	0.271		318,394	11.7		0.005			7																
8								2.0	0.123	308,668		6.4	0.280		311,774	8.9	0.0	0.009			8																
9								2.0	0.126	310,536		15.4	0.162		296,212	0.2		0.011			9																
10								2.0	0.142	312,394		22.3	0.168		273,744	4.0		0.009			10																
11								2.0	0.138	314,256		23.8	0.171		249,773	5.2		0.005			11																
12								0.0	0.116	314,840		18.8	0.133		230,840	10.9		0.001			12																
13								0.0	0.111	314,789		15.9	0.132		214,808	1.5					13																
14								0.0	0.133	314,596		19.6	0.128		195,080						14																
15								2.5	0.126	316,970		21.8	0.113		173,167						15																
16								4.0	0.129	320,841		19.3	0.116		153,751						16																
17								1.0	0.137	324,704		19.1	0.087		134,564						17																
18								1.5	0.0	328,552		19.8	0.093		114,671						18																
19								0.0	1.7	326,193		19.8	0.064		94,807						19																
20								0.0	2.2	323,849		19.8	0.054		74,993						20																
21									0.0	323,684		21.1	0.044		53,809						21																
22									0.140	323,544		20.6	0.023		33,186						22																
23									0.149	323,395		19.8	0.009		13,377						23																
24									0.176	323,219		13.4		0.0							24																
25									0.153	323,064											25																
26									0.089	322,975											26																
27									0.137	322,878											27																
28									0.148	322,690											28																
29	0.0	0.0			342,000				0.152	322,538											29																
30	6.2	0.095			335,707				0.143	322,395											30																
31	8.7	0.095			326,912				0.143	322,395											31																
TOTAL	22.8	0.286				30.7	23.4	4.146				319.2	2.891			21.8	21.8	0.040			TOTAL																
FEBRUARY 1979																						MARCH 1979					APRIL 1979					MAY 1979					DAY
1						13.9		0.026		141,169	13.1		0.051		184,026	11.9		0.185			1																
2						14.1		0.028		155,241	13.5		0.119		197,407	10.7		0.155			2																
3						14.8		0.043		169,956	13.8		0.121		211,086	3.7		0.210			3																
4						14.9		0.048		184,848	13.8		0.139		224,747	0.0		0.230			4																
5						14.8		0.050		199,598	13.3		0.139		237,908			0.220			5																
6																					6																
7						14.6		0.052		214,146	12.8		0.069		250,839			0.196			7																
8						13.6		0.071		227,675	12.7		0.104		263,235			0.118			8																
9						13.0		0.072		240,603	12.9		0.139		275,996			0.087			9																
10						12.8		0.078		253																											

Table C-23 (Cont'd)

OAKES DITCH COMPANY
FROM LOWER KAWAHAU

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
JUNE 1979																					
1	2.0	0.178			389.192	2.0	0.109			232.333											1
2	2.0	0.168			397.024		0.090			223.213											2
3	2.0	0.151			384.873	13.4	0.078			209.765											3
4	2.0	0.133			382.740	16.5	0.073			193.192											4
5	2.0	0.142			380.598	22.0	0.063			171.189											5
6																					6
7	2.0	0.156			378.442	30.5	0.058			140.571											7
8	2.0	0.130			376.312	31.1	0.048			109.423											8
9	3.2	0.160			372.952	25.9	0.041			83.482											9
10	4.0	0.159			368.793	14.0	0.040			69.442											10
11	4.0	0.169			364.624	11.5	0.029			57.913											11
12																					12
13	4.0	0.108			360.436	17.0	0.017			40.896											13
14	1.5	0.153			358.783	15.9	0.013			24.983											14
15	0.0	0.128			359.655	9.6	0.009			15.374											15
16	6.2	0.118			352.337	6.9	0.005			8.469											16
17	9.9	0.111			342.326	6.9	0.001			1.568											17
18																					18
19	11.2	0.114			331.012	1.6	0.0			0.0											19
20	11.9	0.087			319.029																20
21	11.9	0.108			307.017																21
22	9.4	0.107			297.510						0.0										22
23	7.9	0.106			289.504						6.2										23
24											6.2										24
25	9.2	0.112			280.192						0.0										25
26	7.4	0.092			272.700						0.0										26
27	6.0	0.096			266.604						0.007										27
28	6.0	0.108			260.436						0.007										28
29	6.0	0.102			254.394						0.003										29
30											0.002										30
31	6.0	0.088			248.306						0.003										31
TOTAL	151.2	3.728				233.8	0.670				9.9	0.049									TOTAL
JULY 1979																					
OCTOBER 1979																					
NOVEMBER 1979																					
TOTAL																					
DECEMBER 1979																					
JANUARY 1980																					
FEBRUARY 1980																					
MARCH 1980																					
TOTAL																					
APRIL 1980																					
MAY 1980																					
JUNE 1980																					
JULY 1980																					
TOTAL																					

Table C-23 (Cont'd)

OAKES DITCH COMPANY
FROM LOWER KANZAS

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
AUGUST 1960											SEPTEMBER 1960					FOOTNOTES					DAY
1	3.7		0.271		489,531	2.1	0.218			313,231						a Released for diversion by Consolidated Peoples Ditch Company.					1
2	0.0		0.286		489,245	2.8	0.225			310,206						b Released because Teminus Reservoir above allowable storage.					2
3		0.0	0.272		488,973	6.5	0.229			303,477						c Transferred to Consolidated Peoples Ditch Company.					3
4		6.2	0.285		482,526	5.0	0.250			298,227						d Storage adjusted to maximum allowable.					4
5		13.6	0.283		468,685	3.7	0.225			294,302						e Transferred from Oakes Ditch (from Ketchum Ditch).					5
6					482,544	4.1	0.249			289,953											6
7		15.9	0.229		432,415	4.2	0.190			285,363											7
8		15.9	0.227		420,288	4.1	0.197			281,266											8
9		9.7	0.245		410,343	4.1	0.184			276,982											9
10		5.9	0.245		404,198	4.2	0.208			272,574											10
11		12.1	0.235		391,863	1.4	0.204			273,770											11
12		15.9	0.221		375,742	3.8	0.204			277,366											12
13		7.2	0.224		363,388	3.2	0.229			280,337											13
14		5.7	0.170		362,498	3.2	0.202			283,335											14
15		10.4	0.143		351,915	3.3	0.165			286,470											15
16		11.9	0.160		339,855	3.8	0.191			290,079											16
17		11.9	0.168		327,787	4.0	0.243			293,836											17
18		11.9	0.155		315,732	3.6	0.255			297,181											18
19		4.5	0.128		311,104	3.4	0.133			300,448											19
20		0.0	0.168		310,936	3.6	0.230			303,818											20
21		6.2	0.158		304,578	3.5	0.241			307,077											21
22		9.9	0.137		294,541	3.4	0.251			310,226											22
23		9.9	0.136		284,489	3.4	0.305			313,321											23
24		9.9	0.176		274,413	3.0	0.308			316,013											24
25		10.3	0.172		263,941	2.9	0.308			318,605											25
26		16.7	0.142		247,099	1.1	0.309			319,396											26
27		20.5	0.137		226,462	0.0	0.308			319,088											27
28		18.0	0.141		208,321		0.205			318,883											28
29		12.8	0.116	+135.4	339,759		0.260			318,623											29
30		10.5	0.187		320,072		0.314			318,309											30
31		4.3	0.223		315,549																31
TOTAL	3.7	303.6	6.007	+135.4		50.6	10.8	7.040													TOTAL
DAY																					DAY
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
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27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL

Table C-24

OAKES DITCH COMPANY
FROM KETCHUM DITCH

DAY	OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1					6.0			0.018		130.337			0.031		217.147			0.031		216.179	1
2					6.0			0.037		136.300			0.031		217.116			0.030		216.147	2
3					6.0			0.059		142.243			0.031		217.085			0.030		216.115	3
4					6.0			0.062		148.179			0.031		217.053			0.030		216.083	4
5					4.6			0.021		152.758			0.062		216.961			0.032		216.051	5
6					4.0			0.0		156.758			0.031		216.930			0.032		216.019	6
7	2.6		0.002		2.598			0.023		160.735			0.031		216.899			0.032		215.987	7
8	4.0		0.004		6.594		4.1	0.0		164.835			0.031		216.868			0.032		215.955	8
9	2.7		0.004		9.290		4.0	0.024		168.811			0.031		216.837			0.032		215.923	9
10	3.2		0.003		12.487		4.0	0.025		172.786			0.031		216.806			0.032		215.891	10
11	6.4		0.007		18.880		4.0	0.051		176.735			0.031		216.775			0.0	0.0	215.859	11
12	7.9		0.024		26.766		4.0	0.079		180.656			0.0		216.775			0.0	0.0	215.859	12
13	7.9		0.028		34.648		4.0	0.081		184.578			0.0		216.775			1.2	0.033	214.658	13
14	6.8		0.021		41.427		2.7	0.109		187.166			0.031		216.744			2.0	0.033	212.625	14
15	6.0		0.031		47.396		2.0	0.111		189.055			0.031		216.713			2.0	0.032	210.593	15
16	5.9		0.026		53.270		3.1	0.056		192.099			0.031		216.682			4.5	0.032	206.030	16
17	6.0		0.029		59.241		4.0	0.029		196.070			0.031		216.651			6.0	0.062	199.968	17
18	4.7		0.021		65.900		4.0	0.059		200.011			0.031		216.620			6.0	0.060	193.908	18
19	4.0		0.022		67.898		2.5	0.060		202.751			0.063		216.557			6.0	0.029	187.879	19
20	4.0		0.046		71.852		2.0	0.061		204.690			0.032		216.525			7.2	0.056	180.623	20
21	4.0		0.048		75.804		3.3	0.062		207.928			0.063		216.462			7.9	0.055	172.668	21
22	4.0		0.038		79.766		2.8	0.063		210.665			0.032		216.430			7.9	0.053	164.715	22
23	2.7		0.039		82.427		2.0	0.063		212.602			0.0		216.430			7.9	0.051	156.764	23
24	2.0		0.040		84.387		2.1	0.032		214.670			0.032		216.398			7.9	0.025	148.839	24
25	2.0		0.041		86.346		2.0	0.064		216.606			0.032		216.366			7.9	0.024	140.915	25
26	4.4		0.044		90.732		0.7	0.065		217.241			0.032		216.334			7.9	0.045	132.970	26
27	7.7		0.059		97.903		0.0	0.032		217.209			0.0		216.334			7.9	0.043	125.027	27
28	7.9		0.031		105.772		1.9	0.029		217.809			0.033		216.272			7.9	0.041	117.086	28
29	6.7		0.065		112.407		0.0	0.0		217.209			0.031		216.272			7.9	0.039	109.147	29
30	6.0		0.017		118.390		0.0	0.031		217.178			0.031		216.241			7.9	0.039	101.211	30
31	6.0		0.035		124.355		0.0	0.031		217.178			0.031		216.210			7.9	0.034	93.277	31
TOTAL	125.0		0.645			94.20		1.377					0.968					121.8	1.133		TOTAL
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY
1			7.9	0.031	81.346	3.7		0.021		171.439	8.3		0.124		422.881			0.239		602.682	1
2			7.9	0.029	77.417	5.2		0.022		176.617	8.3		0.155		431.026			0.233		602.449	2
3			7.9	0.026	69.481	8.3		0.022		184.895	8.3		0.094		439.232			0.252		602.197	3
4			6.7	0.0	61.591	8.3		0.023		193.172	8.3		0.031		447.540			0.246		601.971	4
5			6.7	0.011	54.880	8.3		0.070		201.402	8.3		0.063		455.738			0.193		601.758	5
6			2.2	0.020	52.670	8.3		0.048		209.654	8.3		0.158		463.480			0.167		601.591	6
7			1.2	0.0	51.470	8.3		0.073		217.881	8.3		0.127		472.053			0.235		601.356	7
8			0.0	0.0	49.470	8.3		0.074		226.107	8.2		0.095		480.158			0.300		601.056	8
9			4.2	0.0	53.670	8.3		0.025		234.382	8.2		0.096		488.262			0.894		600.762	9
10			7.9	0.011	61.559	8.3		0.026		242.656	8.3		0.096		496.466			0.266		600.496	10
11			6.7	0.012	68.247	8.3		0.026		250.930	8.3		0.064		504.702			0.238		600.258	11
12			6.0	0.013	74.234	8.3		0.020		259.150	8.3		0.096		512.906			0.358		599.900	12
13			5.9	0.013	80.221	8.3		0.023		267.369	8.3		0.110		521.096			0.388		599.512	13
14			5.0	0.014	86.107	8.3		0.022		275.587	8.3		0.129		529.267			0.357		599.155	14
15			5.9	0.015	91.992	8.3		0.023		283.804	8.3		0.097		537.470			0.311		598.844	15
16			6.0	0.016	97.976	8.3		0.111		292.993	8.3		0.195		545.575			0.305		598.539	16
17			4.0	0.016	103.960	8.3		0.140		302.153	8.3		0.196		553.679			0.281		598.228	17
18			6.7	0.019	109.626	8.3		0.024		308.369	8.3		0.164		561.815			0.240		598.012	18
19			5.2	0.018	115.808	8.3		0.113		316.596	8.3		0.233		569.885			0.235		597.780	19
20			6.0	0.018	119.790	8.3		0.114		324.742	8.2		0.228		577.857		0.0	0.235		597.543	20
21			6.0	0.028	125.752	8.3		0.115		332.927	8.1		0.226		585.731		6.3	0.253		603.592	21
22			6.0	0.039	131.723	8.3		0.027		341.140	8.1		0.225		593.610		10.2	0.219		603.373	22
23			6.0	0.040	137.673	8.3		0.028		349.352	8.0		0.206		601.404		10.2	0.256		623.517	23
24			4.7	0.041	142.332	8.3		0.112		357.534	8.0		0.241		609.163		10.3	0.240		633.577	24
25			4.0	0.021	146.311	8.3		0.029		365.745	8.0		0.265		616.896		10.3	0.279		643.598	25
26			4.0	0.042	150.269	8.3		0.148		373.897	8.0		0.259		624.639		10.3	0.337		653.561	26
27			4.0	0.043	154.226	8.3		0.060		382.137	5.1		0.257		632.482		10.3	0.377		663.484	27
28			5.2	0.044	158.382	8.3		0.121		390.216	6.1		0.256		640.326		10.3	0.285		673.499	28
29			5.4	0.022	167.760	8.3		0.143		398.473	3.1		0.253		648.173		10.3	0.287		683.512	29
30			6.0	0.018	175.790	8.3		0.183		406.590	0.0		0.252		656.021		10.3	0.251		693.561	30
31			6.0	0.018	183.820	8.3		0.185		414.705	0.0		0.273		663.874		10.3	0.273		703.588	31
TOTAL	118.8	43.7	0.617			249.6		2.655			193.2		4.964					109.1	8.433		TOTAL
DAY	JUNE 1976					JULY 1976					OCTOBER 1976					NOVEMBER 1976					DAY
1	10.3		0.315		713.573	24.4		0.330		552.534	5.2		0.001		5.199			0.038		81.672	1
2	10.3		0.278		721.595	25.6		0.368		566.566	8.3		0.004		13.495			0.013		20.660	2
3	10.3		0.300		731.595	25.2		0.314		580.052	8.3		0.007		21.788			0.014		20.646	3
4	10.3		0.344		763.551	25.0		0.349		475.703	7.1		0.012		28.876			0.014		20.639	4
5	7.8		0.327		751.024	26.6		0.344		448.759	6.4		0.019		35.257			0.019		20.620	5
6	7.6		0.310		758.314	27.4		0.306		421.053	5.1		0.023		40.334			0.019		20.601	6
7	8.3		0.271		766.343	27.2		0.299		393.958	4.4		0.035		44.699			0.015		20.586	7
8	7.1		0.233		773.210	27.6		0.282		365.676	4.4		0.032		49.067			0.011		20.575	8
9	6.4		0.260		779																

Table C-24 (Cont'd)

OAKES DITCH COMPANY
FROM KETCHUM DITCH

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
DAY	MARCH 1979					APRIL 1979					MAY 1979					JUNE 1979					DAY
1			0.002		8.895			0.001		8.845			0.002		8.786			0.004		8.701	1
2			0.002		8.893			0.002		8.843			0.002		8.794			0.004		8.697	2
3			0.002		8.891			0.002		8.841			0.002		8.782			0.003		8.694	3
4			0.002		8.889			0.002		8.839			0.003		8.779			0.003		8.691	4
5			0.002		8.887			0.002		8.837			0.003		8.776			0.003		8.688	5
6			0.002		8.885			0.001		8.836			0.002		8.774			0.004		8.684	6
7			0.003		8.882			0.002		8.834			0.001		8.773			0.003		8.681	7
8			0.003		8.879			0.002		8.832			0.001		8.772			0.004		8.677	8
9			0.003		8.876			0.002		8.830			0.003		8.770			0.004		8.673	9
10			0.002		8.874			0.002		8.828			0.003		8.767			0.004		8.669	10
11			0.002		8.872			0.002		8.826			0.003		8.764			0.005		8.664	11
12			0.002		8.870			0.002		8.824			0.004		8.760			0.004		8.660	12
13			0.001		8.868			0.002		8.822			0.004		8.756			0.003		8.657	13
14			0.001		8.867			0.002		8.820			0.004		8.752			0.003		8.654	14
15			0.001		8.866			0.003		8.817			0.003		8.749			0.003		8.651	15
16			0.001		8.865			0.002		8.815			0.003		8.746			0.003		8.648	16
17			0.0		8.865			0.002		8.813			0.003		8.743			0.002		8.645	17
18			0.002		8.863			0.002		8.811			0.003		8.740			0.003		8.643	18
19			0.0		8.863			0.002		8.809			0.003		8.737			0.003		8.640	19
20			0.003		8.860			0.002		8.807			0.003		8.734			0.003		8.637	20
21			0.001		8.859			0.002		8.805			0.002		8.732			0.003		8.634	21
22			0.001		8.858			0.002		8.803			0.002		8.730			0.003		8.631	22
23			0.002		8.856			0.002		8.801			0.002		8.728			0.003		8.628	23
24			0.002		8.854			0.002		8.799			0.003		8.725			0.004		8.624	24
25			0.002		8.852			0.002		8.797			0.003		8.722			0.003		8.621	25
26			0.001		8.851			0.001		8.796			0.003		8.719			0.003		8.618	26
27			0.002		8.849			0.002		8.794			0.003		8.716			0.003		8.615	27
28			0.001		8.848			0.002		8.792			0.002		8.714			0.003		8.612	28
29			0.001		8.847			0.002		8.790			0.003		8.711			0.003		8.609	29
30			0.001		8.846			0.002		8.788			0.003		8.708			0.003		8.606	30
31			0.0		8.846			0.002		8.788			0.003		8.705			0.003		8.603	31
TOTAL			0.051					0.058					0.063					0.099			TOTAL
DAY	JULY 1979					AUGUST 1979					OCTOBER 1979					NOVEMBER 1979					DAY
1	5.8		0.006		14,400					+100.0 ^d					2.6		0.069		61.600	1	
2	5.6		0.008		19,992					61.482					2.4		0.030		63.970	2	
3	9.3		0.011		29,581	0.0	0.0	-38.5 ^f		56.005					4.6		0.021		67.039	3	
4	9.5		0.115		38,766	2.4	0.057			56.564					4.6		0.021		71.618	4	
5	9.5		0.018		48,248	2.4	0.061			56.564					4.5		0.034		76.084	5	
6	9.5		0.004		57,724	0.0	2.8	0.054		53.710					3.9		0.035		79.949	6	
7	9.5		0.030		67,194	1.7		0.069		55.341					3.5		0.036		83.413	7	
8	9.5		0.038		76,656	4.6		0.076		59.865					3.6		0.037		86.976	8	
9	9.5		0.051		86,105	3.9		0.071		61.694					3.7		0.025		90.541	9	
10	9.6		0.048		95,657	2.1		0.069		65.725					3.6		0.026		94.223	10	
11	9.7		0.045		105,312	1.1		0.093		66.772					3.3		0.027		97.498	11	
12	9.7		0.052		114,956	1.0		0.058		67.714					3.4		0.041		100.897	12	
13	9.7		0.071		124,581			0.054		58.160		9.5			3.3		0.042		104.115	13	
14	9.7		0.099		134,202		9.5	0.055		52.605		5.5			2.9		0.029		106.986	14	
15	9.6	0.0	0.094		143,708		0.4	0.049		52.156		0.4			1.0		0.058		107.928	15	
16	0.0	1.8	0.104		141,804	2.2		0.052		54.304					0.0		0.044		107.884	16	
17	6.9	0.088	0.088		134,816	1.6		0.027		55.877					0.0		0.044		107.870	17	
18	8.5	0.082	0.082		126,234			0.053		55.824					0.0		0.044		107.856	18	
19	8.5	0.087	0.087		117,647			0.065		55.759	0.0				0.0		0.044		107.842	19	
20	5.7	0.045	0.045		111,902			0.052		55.707	5.1			0.002	5.098		0.028		107.834	20	
21	8.3	0.047	0.047		103,555			0.052		55.655	7.3			0.005	12.393		0.028		107.786	21	
22	10.9	0.060	0.060		92,999			0.051		55.604	5.8			0.010	18.183		0.044		107.772	22	
23	10.9	0.049	0.049		81,646			0.051		55.553	4.5			0.016	22.667		0.028		107.744	23	
24	15.0	0.050	0.050		66,596			0.051		55.502	4.3			0.019	26.948		0.014		107.730	24	
25	17.5	0.037	0.037		49,059			0.051		55.451	4.4			0.011	31.337		0.008		107.702	25	
26	17.6	0.004	0.004		31,435		0.063	-55.1 ^f		0.0	6.1			0.006	37.431		0.028		107.674	26	
27	17.7	0.009	0.009		13,726					0.0	6.4			0.014	43.617		0.014		107.660	27	
28	13.7	0.0	0.0		0.0					0.0	5.0			0.008	48.801		0.008		107.632	28	
29										0.0	4.0			0.017	52.794		0.028		107.604	29	
30										0.0	3.4			0.027	56.137		0.028		107.576	30	
31										0.0	2.9			0.028	59.069		0.028		107.548	31	
TOTAL	135.7	143.0	1.280			28.2	23.0	1.294	+ 6.1		59.2		0.171			49.4	0.853			TOTAL	
DAY	DECEMBER 1979					JANUARY 1980					FEBRUARY 1980					MARCH 1980					DAY
1			0.028		107,948			0.013		106.882			0.006		106.651			0.006		106.280	1
2			0.043		107,505			0.026		106.856			0.012		106.639			0.009		106.271	2
3			0.043		107,469			0.013		106.843			0.003		106.636			0.006		106.265	3
4			0.029		107,419			0.013		106.830			0.003		106.633			0.012		106.253	4
5			0.029		107,390			0.0		106.830			0.006		106.62						

Table C-24 (Cont'd)

OKAES DITCH COMPANY
FROM KETCHUM DITCH

DAY	APRIL 1980					MAY 1980					JUNE 1980					AUGUST 1980					DAY		
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE			
1			0.027		105.751			0.014		104.985			0.032		104.096							1	
2			0.027		105.724			0.036		104.949			0.031		104.067							2	
3			0.028		105.696			0.030		104.919			0.030		104.037							3	
4			0.010		105.686			0.042		104.877			0.031		104.006							4	
5			0.003		105.683			0.036		104.841			0.031		103.975							5	
6			0.024		105.659			0.031		104.810			0.029		103.946							6	
7			0.020		105.639			0.030		104.780			0.033		103.913							7	
8			0.027		105.612			0.035		104.745			0.034		103.879							8	
9			0.030		105.582			0.005		104.740			0.035		103.844	0.0		0.0				9	
10			0.027		105.555			0.019		104.721			0.035		103.809	5.1		0.003		0.0	5.097	10	
11			0.034		105.521			0.019		104.702			0.035		103.774	8.2		0.008			11.289	11	
12			0.040		105.481			0.022		104.680			0.029		103.745	8.3		0.013			21.576	12	
13			0.040		105.441			0.022		104.656			0.030		103.715	8.9		0.018			30.458	13	
14			0.030		105.411			0.017		104.641			0.035		103.680	9.3		0.019			39.739	14	
15			0.030		105.381			0.030		104.611			0.039		103.641	9.3		0.020			49.019	15	
16			0.039		105.342			0.032		104.579			0.038		103.603	9.3		0.028			58.291	16	
17			0.042		105.300			0.041		104.538			0.038		103.565	9.3		0.035			67.566	17	
18			0.035		105.265			0.048		104.490			0.036		103.529	9.3		0.038			76.818	18	
19			0.039		105.226			0.051		104.439			0.038		103.491	9.3		0.035			86.053	19	
20			0.026		105.200			0.045		104.394			0.030		103.461	9.3		0.051			95.332	20	
21			0.029		105.171			0.030		104.364			0.034		103.427	9.3		0.054			104.578	21	
22			0.017		105.154			0.028		104.336			0.031		103.400	9.3		0.053			113.825	22	
23			0.013		105.141			0.021		104.315			0.031	-103.4	103.373	9.3		0.056			123.059	23	
24			0.020		105.121			0.017		104.298			0.031		103.346	9.3		0.065			132.274	24	
25			0.026		105.095			0.028		104.270			0.031		103.319	3.5		0.089			135.685	25	
26			0.028		105.067			0.028		104.242			0.031		103.292	0.0		0.078			135.607	26	
27			0.030		105.037			0.027		104.215			0.031		103.265	27		0.082			135.525	27	
28			0.015		105.022			0.015		104.200			0.031		103.238	28		0.091			135.434	28	
29			0.003		105.019			0.019		104.181			0.031		103.211	29		0.080	-135.4		0.0	135.352	29
30			0.020		104.999			0.026		104.155			0.031		103.184	30						135.270	30
31					104.979			0.025		104.130			0.031		103.157	31						135.188	31
TOTAL			0.779					0.869					0.734	-103.4		136.3		0.946	-135.4			TOTAL	
DAY	FOOTNOTES																				DAY		
1	a 153,252 acre-feet diverted in Lower Kaweah River.																				1		
2	b Released for diversion in Lower Kaweah.																				2		
3	c Released because Terebinth Reservoir above allowable storage.																				3		
4	d Transferred from Fleming Ditch Company.																				4		
5	e Transferred to Kaweah Delta Water Conservation District.																				5		
6	f Transferred to Fleming Ditch Company.																				6		
7	g Storage adjusted to maximum allowable.																				7		
8	h See Okaes Ditch Company from Ketchum Ditch.																				8		
9	i Transferred to Okaes Ditch (Lower Kaweah).																				9		
10																					10		
11																					11		
12																					12		
13																					13		
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30																					30		
31																					31		
TOTAL																					TOTAL		
DAY																					DAY		
1																					1		
2																					2		
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29																					29		
30																					30		
31																					31		
TOTAL																					TOTAL		

Table C-25

CONCORAN IRRIGATION COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																				
DECEMBER 1977																						JUNE 1978					JULY 1978					AUGUST 1978					SEPTEMBER 1978				
1											36.5		1.217		3692.900						1																				
2													1.151		3641.749							2																			
3													1.256		3640.493							3																			
4													1.252		3639.241							4																			
5													1.248		3647.994							5																			
6															3636.646							6																			
7													1.457		3645.163							7																			
8													1.476		3644.687							8																			
9													1.646		3632.041							9																			
10													1.598		3630.444							10																			
11															3629.107							11																			
12													1.277		3627.630							12																			
13													1.538		3626.292							13																			
14													1.440		3624.852							14																			
15													1.454		3623.498							15																			
16															3621.569							16																			
17													1.670		3620.199							17																			
18													1.759		3618.440							18																			
19													1.610		3616.830							19																			
20													1.841		3614.989							20																			
21															3613.431							21																			
22													1.659		3611.772							22																			
23													1.965		3609.807							23																			
24													2.736		3608.071							24																			
25													0.996	-3607.1	0.0							25																			
26															3619.000							26																			
27															3619.147							27																			
28															3611.521							28																			
29															3607.617							29																			
30																						30																			
31																						31																			
TOTAL	99.2		0.010	-99.2		191.7	3.083				36.5		37.042	-3607.1		317.4	316.2	1.205			TOTAL																				
MARCH 1979																						APRIL 1979					MAY 1979					JUNE 1979									
1																						1																			
2																						2																			
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31																						31																			
TOTAL	219.9		0.127			1.567					1656.6		6.984			59.6		12.819	-1934.6		TOTAL																				
JUNE 1980																						JULY 1980					AUGUST 1980					FOOTNOTES									
1																						1																			
2																						2																			
3																						3																			
4																						4																			
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31																						31																			
TOTAL																						TOTAL																			

Table C-26

EVANS DITCH COMPANY
FROM LOWER KANAWH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
OCTOBER 1975																						
1										82.819					82.211					81.641	1	
2										82.796					82.199					81.889	2	
3										82.768					82.187					81.817	3	
4										82.728					82.164					81.805	4	
5										82.716					82.141					81.793	5	
6																					6	
7										82.716					82.129					81.781	7	
8										82.704					82.117					81.769	8	
9										82.692					82.105					81.757	9	
10										82.680					82.093					81.745	10	
11	19.8		0.007		29.793					82.656					82.082					81.733	11	
12	21.8		0.082		31.571					82.620					82.069					81.733	12	
13	6.0		0.004		47.547					82.594					82.059					81.721	13	
14	0.0		0.004		47.923					82.596					82.057					81.708	14	
15			0.031		47.492					82.488					82.045					81.695	15	
16			0.023		47.469					82.464					82.033					81.670	16	
17			0.023		47.446					82.452					82.021					81.645	17	
18			0.035		47.431					82.428					82.009					81.620	18	
19			0.035		47.416					82.404					82.000					81.607	19	
20			0.030		47.386					82.379					81.973		0.0			81.582	20	
21			0.030		47.356					82.355					81.949		16.1	0.021		65.461	21	
22			0.023		47.333					82.333					81.937		20.8	0.006		18.642	22	
23			0.023		47.310					82.307					81.925		16.6	0.0		2.242	23	
24			0.023		47.285					82.271					81.913		0.0	0.0		2.242	24	
25			0.023		47.264																25	
26	0.0		0.007		47.257					82.247					81.901					0.001	2.241	26
27	19.8		0.060		67.037					82.235					81.901					0.001	2.240	27
28	14.4		0.084		81.413					82.235					81.889					0.001	2.239	28
29	1.3		0.048		82.865					82.235					81.877					0.001	2.238	29
30	0.0		0.012		82.853					82.223					81.865					0.001	2.237	30
31			0.023		82.830										81.853					0.001	2.236	31
TOTAL	83.3		0.470					0.607							0.370					79.3	0.317	TOTAL
NOVEMBER 1975																						
DECEMBER 1975																						
JANUARY 1976																						
FEBRUARY 1976																						
MARCH 1976																						
APRIL 1976																						
MAY 1976																						
JUNE 1976																						
JULY 1976																						
AUGUST 1976																						
SEPTEMBER 1976																						
OCTOBER 1976																						
NOVEMBER 1976																						
DECEMBER 1976																						

Table C-26 (Cont'd)

EVANS DITCH COMPANY
FROM LOWER KAWAHAU

DAY	FEBRUARY 1977					MARCH 1977					APRIL 1977					MAY 1977					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1								0.001		1.897			0.001		1.870	27.5		0.302		809.535	1
2								0.001		1.896			0.001		1.869	25.3		0.307		834.586	2
3								0.001		1.895			0.001		1.868	24.8		0.317		858.911	3
4								0.001		1.894			0.001		1.867	13.0		0.319		871.492	4
5								0.001		1.893	0.0		0.001		1.866	8.4		0.367		879.525	5
6								0.001		1.892	7.4		0.006		9.260	6.2		0.314		885.411	6
7								0.001		1.891	26.4		0.024		35.636	1.5		0.208		886.703	7
8								0.001		1.890	39.3		0.035		74.901	1.2		0.103		887.800	8
9								0.001		1.890	35.8		0.030		110.571	9.4		0.103		897.097	9
10								0.001		1.889	25.7		0.061		136.310	8.9		0.207		905.790	10
11								0.001		1.888	21.9		0.084		158.126	16.5		0.156		922.134	11
12								0.001		1.887	20.0		0.108		178.018	17.2		0.209		939.125	12
13								0.001		1.886	24.7		0.104		202.614	12.6		0.105		951.620	13
14								0.001		1.885	26.3		0.134		228.780	9.4		0.262		960.758	14
15								0.001		1.884	35.6		0.173		264.207	17.2		0.475		977.483	15
16								0.0		1.884	48.4		0.174		312.433	34.0		0.376		1021.107	16
17								0.001		1.883	52.0		0.196		354.237	28.9		0.547		1039.460	17
18								0.0		1.883	53.0		0.250		416.987	11.9		0.385		1050.975	18
19								0.001		1.882	43.4		0.306		460.081	14.0		0.495		1064.480	19
20								0.001		1.881	32.7		0.358		492.423	32.5		0.558		1092.422	20
21								0.001		1.880	27.5		0.335		519.588	47.5		0.627		1143.295	21
22	1.2			1.200				0.001		1.879	21.6		0.306		500.882	50.8		0.465		1193.630	22
23	0.7			1.900				0.001		1.878	22.6		0.393		563.089	51.0		0.296		1244.334	23
24	0.0	0.0		1.900				0.001		1.877	28.0		0.280		590.805	52.1		0.364		1296.070	24
25			0.001	1.899				0.0		1.877	28.6		0.336		619.069	51.6		0.561		1347.109	25
26			0.001	1.898				0.001		1.876	32.7		0.261		651.508	46.8		0.573		1393.336	26
27			0.0	1.898				0.001		1.875	34.2		0.315		685.393	51.2		0.649		1443.887	27
28			0.001	1.897				0.001		1.874	33.3		0.372		718.321	53.1		0.726		1496.261	28
29								0.001		1.873	33.3		0.336		751.285	50.8		0.934		1546.127	29
30								0.001		1.872	31.2		0.148		782.337	48.9		0.543		1599.084	30
31								0.001		1.871								1.016		1642.968	31
TOTAL	1.9		0.003					0.026			785.6		5.134			874.1		13.469			TOTAL
DAY	JUNE 1977					JULY 1977					DECEMBER 1977					JUNE 1978					DAY
1	47.8		1.089	1689.679		131.9	0.684	4089.005													1
2	48.8		0.890	1737.589		132.9	0.680	395.423													2
3	50.0		1.039	1786.550		133.5	0.563	821.360													3
4	50.9		1.121	1836.329		134.6	0.425	686.335													4
5	52.6		0.924	1888.005		132.7	0.348	553.287													5
6	55.1		1.010	1942.095		131.4	0.286	421.601													6
7	48.7		1.246	1989.549		130.8	0.224	290.577													7
8	50.1		0.816	2038.833		122.8	0.118	167.659													8
9	47.6		0.223	2086.210		116.0	0.039	51.620													9
10	47.6		0.593	2133.217		51.62		0.0													10
11	53.3		0.903	2185.614																	11
12	44.0		0.990	2228.624																	12
13	30.2		0.956	2257.828																	13
14	24.0		1.002	2280.826																	14
15	12.3		1.150	2291.968																	15
16	2.9		1.079	2293.789																	16
17	0.4		1.230	2292.959																	17
18	0.0		1.075	2291.884																	18
19	0.0	0.0	1.073	2290.811																	19
20		28.1	0.912	2261.799																	20
21		39.7	1.200	2220.899																	21
22		66.0	1.386	2153.513																	22
23		89.8	1.333	2064.380																	23
24		107.5	1.138	1951.742																	24
25		107.8	1.080	1844.862																	25
26		115.5	1.079	1728.283																	26
27		122.8	1.069	1609.414																	27
28		122.2	0.787	1481.427																	28
29		127.1	0.681	1353.646																	29
30		131.3	0.757	1221.589																	30
31																					31
TOTAL	666.3	1057.8	29.879			218.22	3.369			278.0		0.198	-277.802			63.3	0.563				TOTAL
DAY	JULY 1978					AUGUST 1978					SEPTEMBER 1978					FEBRUARY 1979					DAY
1		16.9	0.201	603.036			0.215	387.545			0.029			30.448							1
2		16.4	0.185	586.451			0.223	387.322			0.036			30.412							2
3		17.9	0.196	568.355			0.232	387.090		0.0	0.030			30.382							3
4		17.9	0.189	550.266			0.168	386.922		19.8	0.0			50.182							4
5		17.9	0.183	532.183		0.0	0.251	386.671		39.2	0.0			89.382							5
6		17.9	0.192	514.091		29.8	0.304	356.567		47.4	0.0	0.050		136.732							6
7		17.9	0.201	495.990		47.6	0.218	308.749		18.6	16.1	0.061		139.171							7
8		17.9	0.194	477.896		47.6	0.143	261.006		0.0	33.2	0.055		105.916							8
9		17.9	0.208	459.788		51.3	0.129	209.577			37.7	0.035		63.181							9
10		17.9	0.194	441.694		52.3	0.108	157.169			37.7	0.013		30.468							10
11		15.4	0.157	426.137		55.3	0.059	101.810						0.0							11
12		15.1	0.145	410.892		67.5	0.021	34.289			30.468										12
13		14.6	0.168	396.124		0.0	0.0	0.0													13
14		5.2	0.155	390.769		0.0	0.0	0.0													14
15		0.0	0.157	390.612		0.0	0.0	0.0													15
16			0.165	390.447		10.4	0.007	10.393													16
17			0.180	390.267		9.4	0.016	19.777													17
18			0.190	390.077		5.5	0.017	29.260													18
19			0.174	389.903		1.5	0.019	26.741													19
20			0.198	389.705		2.5	0.024	29.217													20
21			0.168	389.537		1.5	0.022	30.695													21
22			0.179	389.353		0.0	0.020														

Table C-26 (Cont'd)

EVANS DITCH COMPANY
FROM LOWER KAWAHI

DAY	MARCH 1979					APRIL 1979					MAY 1979					JUNE 1979					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1	34.0		0.048		298.252	43.6		0.282		779.052			0.293		1351.462			3.7		0.965	814.713	1
2	35.0		0.043		296.199	44.8		0.198		823.654			0.289		1331.173			17.4		0.346	795.967	2
3	40.7		0.069		306.810	46.5		0.205		869.949	0.0		0.368		1350.805			27.8		0.300	767.867	3
4	40.8		0.098		377.512	45.7		0.242		925.407	3.7		0.404		1354.101			27.8		0.257	749.510	4
5	15.3		0.099		392.713	44.0		0.248		959.159	6.0		0.388		1359.713			27.8		0.266	711.784	5
6	0.0		0.096		392.617	43.1		0.126		1002.133	2.2		-0.345		1361.568			24.1		0.284	687.360	6
7	0.0		0.123		392.494	43.2		0.193		1045.240	0.0		0.208		1361.360			25.5		0.228	661.632	7
8	0.0		0.117		392.377	43.4		0.254		1088.276			0.254		1361.206			31.5		0.271	629.861	8
9	0.0		0.111		392.266	36.1		0.200		1124.176			0.332		1360.874			35.0		0.257	594.604	9
10	0.0		0.106		392.160	31.7		0.236		1155.640			0.402		1344.372			35.7		0.258	558.646	10
11	0.0		0.076		392.084	31.7		0.205		1187.135			0.442		1318.130			35.7		0.272	522.674	11
12	0.0		0.097		391.987	31.7		0.208		1218.627			0.525		1293.005			35.7		0.207	486.767	12
13	5.1		0.098		396.989	31.7		0.281		1250.046			0.555		1272.330			35.7		0.161	450.906	13
14	9.3		0.048		406.241	26.7		0.359		1286.391			0.611		1257.689			35.7		0.139	415.067	14
15	6.7		0.070		414.871	42.2		0.395		1328.196			0.458		1246.531			43.2		0.121	371.746	15
16	8.9		0.066		423.725	43.6		0.364		1371.432	7.4		0.386		1253.545			47.6		0.112	325.034	16
17	9.8		0.063		431.502	18.8		0.253		1389.979	21.6		0.449		1258.696			47.6		0.075	276.359	17
18	8.9		0.091		442.311	1.5		0.288		1391.191	23.8		0.294	-100.0	898.202			47.6		0.081	228.678	18
19	11.1		0.083		453.388	0.0		0.321		1390.870	26.3		0.309		984.193			47.6		0.065	181.013	19
20	4.8		0.090		458.098	0.0		0.356		1390.514	27.8		0.309		991.684			47.6		0.049	133.364	20
21	0.0		0.066		458.032			0.353		1390.161	29.0		0.235		990.449			47.6		0.034	85.730	21
22	0.0		0.065		457.967			0.350		1389.811	11.2		0.233		991.416			47.6		0.013	30.117	22
23	0.0		0.107		457.860	0.0		0.359		1389.465	0.0		0.0		992.172			0.0		0.0	0.0	23
24	0.0		0.104		457.756	22.3		0.359		1386.886			0.326		990.846			0.0		0.0	0.0	24
25	0.0		0.123		457.633	13.4		0.267		1353.159			0.338		990.508			0.0		0.0	0.0	25
26	28.4		0.064		485.969			0.196		1352.963	0.0		0.363		990.145							26
27	51.3		0.112		537.157	0.0		0.257		1352.706	43.4		0.290		946.455							27
28	54.4		0.042		591.515			0.283		1352.423	63.3		0.245		888.010							28
29	52.6		0.098		644.017			0.368		1352.075	33.5		0.239		849.151							29
30	47.5		0.051		691.466			0.300		1351.755	17.9		0.288		830.983							30
31	44.2		0.132		735.534						12.9		0.285		817.778							31
TOTAL	513.8		2.566			660.0	35.7	8.079			159.0	282.4	10.577	-100.0				813.6	4.161			TOTAL
DAY	OCTOBER 1979					NOVEMBER 1979					DECEMBER 1979					JANUARY 1980					DAY	
1						0.017				35.516			0.009		35.199			0.004			34.982	1
2						0.017				35.499			0.014		35.185			0.008			34.974	2
3						0.016				35.483			0.014		35.171			0.004			34.970	3
4						0.011				35.472			0.014		35.157			0.004			34.966	4
5						0.016				35.456			0.009		35.148			0.0			34.966	5
6						0.015				35.441			0.009		35.139			0.004			34.962	6
7						0.015				35.426			0.009		35.130			0.004			34.959	7
8						0.015				35.411			0.014		35.116			0.005			34.952	8
9						0.010				35.401			0.009		35.107			0.0			34.952	9
10						0.010				35.391			0.005		35.102			0.004			34.948	10
11						0.010				35.381			0.0		35.102			0.003			34.945	11
12						0.014				35.367			0.005		35.097			0.0			34.945	12
13						0.014				35.353			0.009		35.088			0.001			34.945	13
14						0.013				35.343			0.005		35.081			0.002			34.942	14
15						0.019				35.324			0.005		35.078			0.001			34.941	15
16						0.014				35.310			0.009		35.069			0.001			34.940	16
17						0.005				35.305			0.009		35.060			0.001			34.939	17
18						0.005				35.300			0.019		35.041			0.001			34.938	18
19	0.0		0.0		0.0	0.005				35.295			0.009		35.032			0.002			34.936	19
20	19.8		0.007		19.793	0.009				35.286			0.009		35.023			0.002			34.934	20
21						0.009				35.277			0.0		35.023			0.002			34.932	21
22	11.9		0.012		31.681	0.009				35.272			0.009		35.018			0.002			34.930	22
23	0.0		0.017		31.664	0.005				35.257			0.009		35.013			0.002			34.928	23
24	0.0		0.022		31.642	0.009				35.243			0.005		35.008			0.002			34.926	24
25	0.0		0.011		31.609	0.009				35.249			0.005		35.003			0.001			34.925	25
26	2.5		0.006		34.103	0.009				35.240			0.0		35.003			0.002			34.923	26
27	1.5		0.012		35.591	0.005				35.235			0.004		34.999			0.003			34.920	27
28	0.0		0.012		35.579	0.009				35.226			0.004		34.995			0.003			34.917	28
29			0.012		35.567	0.009				35.217			0.009		34.990			0.005			34.915	29
30			0.017		35.550	0.009				35.208			0.0		34.990			0.004			34.912	30
31			0.017		35.533	0.009				35.203			0.0		34.986			0.003			34.909	31
TOTAL	35.7		0.167			0.325							0.222					0.077				TOTAL
DAY	FEBRUARY 1980					MARCH 1980					APRIL 1980					MAY 1980					DAY	
1			0.002	</																		

Table C-26 (Cont'd)

EVANS DITCH COMPANY
FROM LOWER KANEAN

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
JUNE 1980																						JULY 1980																						AUGUST 1980																						SEPTEMBER 1980																					
1			0.010		34.056					767.000	1.9		0.011		13.087						1																																																																		
2			0.010		34.056					767.000	1.9		0.012		20.975						2																																																																		
3			0.010		34.046					767.000	1.9		0.013		22.862						3																																																																		
4			0.010		34.036		0.0	0.0		767.000	1.9		0.013		24.749						4																																																																		
5			0.010		34.026					767.000	1.9		0.014		26.635						5																																																																		
6			0.009		34.017		17.4	0.261		749.339	2.9		0.015		28.520						6																																																																		
7			0.011		34.006		27.8	0.253		721.286	1.9		0.016		30.404						7																																																																		
8			0.011		33.995		27.8	0.244		693.242	1.9		0.017		32.287						8																																																																		
9			0.012		33.983		29.0	0.217		664.025	1.9		0.020		34.167						9																																																																		
10			0.011		33.972		31.0	0.216		632.809	2.9		0.022		36.045						10																																																																		
11			0.011		33.961		33.0	0.223		599.586	1.9		0.023		37.922						11																																																																		
12			0.009		33.952		33.7	0.196		565.690		4.3	0.020		33.602						12																																																																		
13			0.010		33.942		33.7	0.224		531.766		8.0	0.015		25.987						13																																																																		
14			0.011		33.931		33.7	0.197		497.869		24.2	0.005		66.302						14																																																																		
15			0.013		33.918		34.9	0.205		462.764	11.9		0.032		78.250						15																																																																		
16			0.012		33.906		34.5	0.205		428.059	25.1		0.049		104.301	0.0		0.0	0.0		16																																																																		
17			0.012		33.894		33.7	0.161		394.198	22.5		0.065		126.736	7.8		0.006			17																																																																		
18			0.012		33.882		33.7	0.148		360.350	20.6		0.072		147.264	11.5		0.017			18																																																																		
19			0.012		33.870		34.9	0.135		325.315	18.6		0.068		165.796	20.9		0.013			19																																																																		
20			0.010		33.860		35.7	0.145		289.470	17.9		0.099		183.597	11.7		0.032			20																																																																		
21			0.011		33.849		35.7	0.149		253.621	16.6		0.104		200.093	11.4		0.042			21																																																																		
22			0.010	+733.2	767.000		35.7	0.122		217.799	13.4		0.099		213.394	20.9		0.052			22																																																																		
23			0.232		766.768		35.7	0.086		182.013	11.9		0.138		225.156	20.9		0.073			23																																																																		
24			0.232		766.536		35.7	0.084		146.229	9.5		0.150		234.506	9.5		0.082			24																																																																		
25			0.211	+ 0.7	767.000		35.7	0.040		110.489	3.0		0.155		237.351	9.1		0.090			25																																																																		
26					767.000		35.7	0.040		74.749		43.2	0.111		194.040	3.5		0.094			26																																																																		
27					767.000		35.7	0.021		39.028		42.0	0.092		151.948	0.0		0.093			27																																																																		
28					767.000		35.7	0.002	+40.0	43.326		42.5	0.102		109.346			0.062			28																																																																		
29					767.000		17.1	0.014		26.212		45.7	0.095		63.608			0.079			29																																																																		
30					767.000		7.2	0.006		19.006		46.0	0.010		17.998			0.095			30																																																																		
31					767.000		1.8	0.008		17.198		17.6	0.0		0.0						31																																																																		
TOTAL			0.932	+733.2			786.2	3.602	+40.0 ^d		192.9	263.5	1.600	+55.0 ^e		97.2		0.830			TOTAL																																																																		
FOOTNOTES																																																																																							
1	a. Release because Terrinus Reservoir above allowable storage.																				1																																																																		
2	b. Transferred to Tulare Irrigation District.																				2																																																																		
3	c. Storage adjusted to maximum allowable.																				3																																																																		
4	d. Transferred from Keweenaw Delta Water Conservation District.																				4																																																																		
5	e. Transferred from Evans Ditch (from Ketchum Ditch).																				5																																																																		
6																					6																																																																		
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TOTAL																					TOTAL																																																																		

Table C-27

EVANS DITCH COMPANY
FROM KETCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																	
OCTOBER 1975																						NOVEMBER 1975					DECEMBER 1975					JANUARY 1976						
1						21.8		0.060		433.953			0.105		726.689				0.105		723.437	1																
2						20.6		0.125		454.428			0.103		726.586				0.106		723.331	2																
3						19.8		0.196		474.032			0.103		726.483				0.106		723.225	3																
4						18.6		0.205		496.427			0.206		726.277				0.106		723.119	4																
5						17.9		0.071		510.256			0.207		726.070				0.106		723.013	5																
6											528.056			0.105		725.965				0.106		722.907	6															
7	7.4		0.005		7.395			0.077		542.079			0.105		725.860				0.106		722.801	7																
8	11.9		0.012		19.283			0.0		555.179			0.105		725.755				0.106		722.695	8																
9	10.7		0.012		29.971			0.083		568.996			0.105		725.650				0.106		708.989	9																
10	9.9		0.008		39.863			0.085		581.511			0.105		725.545		13.6	21.8	0.103		687.086	10																
11	18.6		0.022		53.441			0.173		594.438			0.105		725.440			21.6	0.0		665.286	11																
12	23.8		0.043		82.198			0.265		606.773			0.0		725.440			21.8	0.0		643.486	12																
13	22.6		0.054		104.744			0.270		618.403			0.0		725.440			24.3	0.094		619.098	13																
14	21.8		0.064		126.480			0.367		629.936			0.105		725.335			23.3	0.091		595.701	14																
15	21.8		0.097		148.183			0.375		641.461			0.105		725.230			21.8	0.068		573.813	15																
16	20.6		0.082		168.701			0.191		653.970			0.105		725.125			20.6	0.170		553.043	16																
17	19.8		0.091		188.410			0.097		661.773			0.105		725.020			22.2	0.164		530.679	17																
18	18.6		0.066		206.944			0.198		670.275			0.105		724.915			22.5	0.157		508.292	18																
19	15.4		0.071		222.873			0.201		677.974			0.214		724.704			23.0	0.075		484.947	19																
20	15.4		0.150		234.723			0.204		685.670			0.106		724.598			30.0	0.142		454.805	20																
21	11.9		0.157		246.466			0.206		693.364			0.212		724.396			33.8	0.133		420.872	21																
22	11.9		0.123		258.243			0.208		701.056			0.106		724.280			33.8	0.158		385.948	22																
23	11.9		0.129		270.014			0.208		708.745			0.0		724.280			36.2	0.114		350.634	23																
24	10.7		0.134		280.580			0.107		716.538			0.106		724.174			36.5	0.092		314.082	24																
25	9.9		0.139		290.341			0.215		724.223			0.106		724.068			50.4	0.044		263.638	25																
26	12.4		0.048		302.693			0.216		727.007			0.106		723.962			50.9	0.072		232.666	26																
27	20.1		0.096		322.697			0.108		726.899			0.0		723.962			51.6	0.095		161.011	27																
28	23.8		0.101		346.596			0.0		726.899			0.105		723.857			51.6	0.038		109.373	28																
29	22.6		0.213		362.783			0.0		726.899			0.105		723.752			14.5	0.034		94.839	29																
30	21.8		0.055		390.588			0.105		726.794			0.105		723.647			7.9	0.037		102.702	30																
31	21.8		0.115		412.213								0.105		723.542			7.9	0.0	0.040	110.562	31																
TOTAL	434.3		2.087			319.2		4.619					3.292			15.8	686.04	2.780			TOTAL																	
FEBRUARY 1976																						MARCH 1976					APRIL 1976					MAY 1976						
1	9.2		0.044		119.718			0.077		61.7075	28.3		0.419		1435.222				0.822		2068.450	1																
2	9.9		0.048		129.570			0.077		635.098	29.2		0.527		1463.895				0.798		2067.652	2																
3	9.9		0.053		139.417			0.080		656.718	29.2		0.218		1492.777				0.866		2066.786	3																
4	9.9		0.0		149.317			0.081		689.437	29.2		0.407		1521.870				0.845		2065.941	4																
5	12.4		0.031		161.686			0.247		716.390	29.2		0.214		1550.856				0.663		2065.278	5																
6	16.4		0.034		174.052			0.168		742.122	29.2		0.539		1579.517				0.572		2064.706	6																
7	15.3		0.0		193.352			0.256		766.966	29.2		0.433		1608.284				0.805		2063.901	7																
8	13.9		0.0		207.252			0.261		791.605	29.1		0.324		1637.060				1.030		2062.871	8																
9	22.6		0.0		229.892			0.088		816.517	29.1		0.327		1665.833				1.009		2061.862	9																
10	21.8		0.046		297.636			0.089		842.688	29.2		0.327		1694.706				0.913		2060.949	10																
11	24.1		0.049		281.657			0.090		868.238	29.2		0.219		1723.687				0.818		2060.131	11																
12	19.3		0.051		300.906			0.275		896.963	29.2		0.330		1752.537				1.230		2058.901	12																
13	17.9		0.054		318.752			0.279		921.684	29.2		0.788		1781.379				1.332		2057.569	13																
14	17.9		0.056		336.596			0.282		943.602	29.2		0.442		1810.137				1.226		2056.343	14																
15	17.9		0.058		354.438			0.285		971.517	29.2		0.333		1839.004				1.067		2055.276	15																
16	17.8		0.060		372.178			0.381		1000.136	29.2		0.669		1867.535				1.046		2054.230	16																
17	17.9		0.062		390.016			0.480		1028.556	29.2		0.671		1896.064				0.965		2053.265	17																
18	16.5		0.127		406.959			0.288		1055.768	29.2		0.562		1924.702				0.825		2052.440	18																
19	19.3		0.066		425.863			0.327		1084.881	29.2		0.787		1953.115				0.817		2051.623	19																
20	19.3		0.068		445.093			0.331		1109.890	28.8		0.783		1981.332		0.0		0.806		2050.817	20																
21	17.9		0.139		462.816			0.394		1137.096	28.6		0.776		2008.956		19.1		0.867		2049.050	21																
22	17.9		0.160		480.374			0.297		1164.799	10.7		0.759		2036.897				0.757		2048.303	22																
23	17.8		0.146		498.228			0.299		1192.190	0.0		0.707		2064.190				0.875		2047.628	23																
24	16.6		0.149		514.679			0.401		1219.099	0.0		0.827		2091.363				0.818		2148.410	24																
25	15.9		0.076		530.503			0.302		1246.797	0.0		0.908		2016.455				0.948		2188.162	25																
26	15.9		0.154		546.249			0.506		1274.291	0.0		0.889		2043.566				1.143		2217.719	26																
27	17.1		0.157		563.192			0.204		1302.087	17.9		0.883		2070.383				1.277		2247.242	27																
28	27.9		0.159		580.933			0.411		1329.076	28.6		0.880		2096.303				0.968		2277.078	28																
29	25.3		0.081		606.152			0.685		1354.991	14.7		0.868		2070.135				0.969		2307.109	29																
30								0.623		1380.968	0.0		0.863		2049.272				0.846		2337.363	30																
31								0.627		1407.341									0.919		2367.644	31																
TOTAL	497.7		2.110			810.3		9.111			679.0		17.069			327.2		28.898			TOTAL																	
JUNE 1976																						JULY 1976					OCTOBER 1976					DECEMBER 1976						
1	31.1		1.058		2397.686			1.405		2355.485	15.7		0.004		15.696							1																
2	31.0		0.933		2427.793			1.623		2383.262	25.1		0.014		40.782							2																
3	31.1		1.066		2457.847			30.6		2411.227	25.2		0.021		65.961							3																
4	31.2		1.150		2487.897			1.659		2288.968	24.0		0.030		89.283							4																
5	27.4		1.094		2514.203			1.705		2226.663	20.7		0.058		110.565							5																
6	26.4		1.037		2539.566			1.597		2194.466	18.0		0.072		128.493							6																
7	24.7		0.908																																			

Table C-27 (Cont'd)

EVANS DITCH COMPANY
FROM KETCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
JANUARY 1977																					
1	3.4	0.001			8,198	1.0		0.007		43,909	8.9		0.091		383,253	10.3		0.213		580,935	1
2	6.7	0.005			14,893	0.2		0.007		45,102	9.6		0.124		388,739	12.3		0.271		532,964	2
3	19.3	0.006			34,187	0.7		0.014		45,788	4.8		0.124		333,415	11.5		0.275		544,189	3
4	14.7	0.008			48,879	5.8		0.016		51,572	4.8		0.125		338,090	16.5		0.338		560,331	4
5	3.1	0.009			51,970	9.6		0.019		61,153	4.8		0.127		342,763	21.9		0.348		581,903	5
6	0.0	3.7	0.008		48,262	9.8		0.011		70,942	4.8		0.213		347,350	27.0		0.417		608,486	6
7	2.2	0.008			46,054	9.7		0.024		80,618	4.7		0.171		351,879	29.8		0.427		637,259	7
8	1.3	0.007			44,747	9.6		0.027		90,139	4.7		0.139		356,450	29.0		0.310		659,949	8
9	3.2	0.007			41,540	9.7		0.015		99,876	5.4		0.043		361,807	29.0		0.190		694,759	9
10	1.4	0.0			40,140	9.6		0.032		109,444	5.8		0.131		367,476	29.1		0.385		723,534	10
11		0.007			40,133	10.0		0.035		119,409	5.1		0.132		372,444	29.2		0.399		752,335	11
12		0.007			40,126	7.3		0.037		126,672	6.0		0.133		378,311	29.2		0.475		781,060	12
13		0.006			40,120	8.1		0.039		134,733	6.1		0.135		384,276	29.2		0.415		809,845	13
14		0.0			40,120	9.7		0.036		144,371	5.1		0.136		389,240	29.2		0.493		838,582	14
15		0.0			40,120	9.6		0.066		153,905	4.9		0.136		394,204	29.0		0.569		866,983	15
16		0.005			40,114	10.1		0.070		163,935	6.2		0.046		400,158	28.7		0.458		895,185	16
17	1.2	0.007			41,307	10.5		0.074		174,361	5.6		0.134		405,620	28.6		0.497		923,288	17
18	2.0	0.007			43,300	9.7		0.103		183,958	4.7		0.093		410,227	28.6		0.570		951,318	18
19	7	0.007			43,993	10.1		0.108		193,950	4.7		0.139		414,788	28.6		0.651		979,267	19
20	0.0	0.007			43,986	7.4		0.056		201,294	4.8		0.140		419,448	28.7		0.733		1,007,234	20
21		0.007			43,979	9.0		0.0		210,294	5.4		0.188		424,660	28.8		0.668		1,035,366	21
22		0.007			43,972	20.5		0.062		230,732	7.7		0.237		432,123	28.8		0.602		1,063,564	22
23		0.007			43,965	20.0		0.033		250,699	10.3		0.192		442,231	28.8		0.761		1,091,603	23
24		0.007			43,958	15.5		0.035		266,164	11.1		0.146		453,185	28.8		0.539		1,119,864	24
25		0.0			43,958	14.0		0.109		280,055	11.1		0.050		464,235	28.8		0.633		1,148,013	25
26		0.007			43,951	11.9		0.113		292,842	9.9		0.201		473,934	28.7		0.471		1,176,270	26
27		0.007			43,944	11.1		0.078		302,864	9.1		0.254		482,780	28.7		0.554		1,204,416	27
28		0.007			43,937	11.7		0.120		314,444	9.7		0.205		492,275	28.8		0.639		1,232,577	28
29		0.007			43,930						8.0		0.260		500,013	28.8		0.564		1,260,813	29
30		0.007			43,923						6.1		0.197		405,998	28.8		0.244		1,289,369	30
31		0.007			43,916						5.1		0.210		510,848						31
TOTAL	51.1	11.8	0.183			271.9		1.372			201.0		4.596			792.6		14.079			TOTAL
MAY 1977																					
1	30.8	0.492			1319.677	1.342		1.282		2083.164	1.611		1.828		2561.458		43.170	0.0		0.0	1
2	31.9	0.497			1321.050	1.067		1.067		2082.097	1.828		1.828		2562.630						2
3	31.9	0.671			1322.309	1.210		1.210		2080.887	1.755		1.755		2560.875						3
4	30.6	0.680			1322.229	1.281	19.0	1.281		2098.606	1.585		1.585		2559.290						4
5	30.5	0.602			1342.127	1.041	30.5	1.041		2128.065	1.610		1.610		2557.680						5
6	29.6	0.521			1471.206	1.123	30.7	1.123		2157.642	1.737		1.737		2555.943						6
7	27.4	0.351			1498.255	1.370	30.8	1.370		2187.072	1.973		1.973		2553.970						7
8	28.0	0.377			1526.078	1.887	30.6	1.887		2216.785	1.795		1.795		2552.175						8
9	30.8	0.379			1556.699	1.238	11.5	1.238		2228.047	1.937		1.937		2550.298						9
10	30.6	0.362			1586.937	0.639		0.639		2227.428	63.58		1.815		2881.843						10
11	31.1	0.273			1617.764	1.9.0		0.928		2245.800	117.5		1.761		2365.582						11
12	31.9	0.368			1647.296	1.011		1.011		2275.989	118.6		1.804		2245.178						12
13	31.7	0.285			1680.811	31.2		1.018		2306.271	118.0		1.740		2125.438						13
14	30.4	0.467			1710.744	31.5		1.085		2336.745	116.5		1.675		2007.263						14
15	31.1	0.847			1740.997	31.5		1.196		2367.049	114.0		1.613		1891.690						15
16	31.8	0.659			1772.138	1.126		1.126		2395.223	112.6		1.117		1777.933						16
17	31.9	0.949			1803.089	27.3		1.298		2421.025	112.7		1.399		1665.834						17
18	30.0	0.671			1832.418	25.1		1.147		2444.978	112.5		1.255		1555.079						18
19	30.8	0.866			1862.352	21.8		1.154		2465.624	111.9		1.116		1447.063						19
20	31.8	0.964			1893.188	19.8		1.002		2484.522	111.5		1.055		1384.508						20
21	31.5	1.055			1923.633	18.9		1.352		2502.070	111.7		0.990		1211.818						21
22	31.8	0.733			1934.680	18.6		1.621		2519.049	112.6		0.982		1099.236						22
23	0.0	0.460			1939.220	16.9		1.638		2534.311	113.6		0.790		981.846						23
24	19.7	0.549			1953.371	13.9		1.483		2546.728	113.9		0.718		862.228						24
25	31.7	0.826			1984.245	12.0		1.497		2557.231	114.4		0.639		754.189						25
26	31.8	0.829			2015.216	11.9		1.603		2567.528	115.9		0.596		637.693						26
27	31.7	0.919			2045.997	4.5		1.713		2570.315	116.8		0.433		520.160						27
28	31.5	1.008			2076.489	0.0		1.365		2568.950	116.8		0.372		403.288						28
29	31.8	1.261			2087.088			1.892		2567.658	116.6		0.292		286.396						29
30	0.0	1.333			2095.795			1.589		2566.069	119.2		0.188		167.008						30
31		1.289			2084.506						123.8		0.038		43.170						31
TOTAL	816.1	20.963				517.8		36.237			2484.66		38.219			43.170					TOTAL
AUGUST 1977																					
1			</																		

Table C-27 (Cont'd)

EVARD DITCH COMPANY
FROM KETCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
MARCH 1979																						APRIL 1979																						MAY 1979																						JUNE 1979																					
1			0.003		16.591			0.002		16.496			0.004		16.388			0.007		16.231	1																																																																		
2			0.003		16.588			0.004		16.492			0.004		16.384			0.007		16.228	2																																																																		
3			0.004		16.584			0.004		16.488			0.004		16.380			0.006		16.218	3																																																																		
4			0.004		16.580			0.004		16.484			0.005		16.375			0.006		16.214	4																																																																		
5			0.004		16.576			0.004		16.480			0.005		16.370			0.006		16.206	5																																																																		
6			0.004		16.572			0.002		16.478			0.004		16.366			0.007		16.199	6																																																																		
7			0.005		16.567			0.003		16.475			0.003		16.363			0.006		16.193	7																																																																		
8			0.005		16.562			0.004		16.471			0.002		16.361			0.007		16.196	8																																																																		
9			0.005		16.557			0.003		16.468			0.004		16.357			0.007		16.179	9																																																																		
10			0.004		16.553			0.003		16.465			0.005		16.352			0.007		16.172	10																																																																		
11			0.003		16.550			0.003		16.462			0.005		16.347			0.008		16.164	11																																																																		
12			0.004		16.546			0.003		16.459			0.007		16.340			0.007		16.157	12																																																																		
13			0.004		16.542			0.004		16.455			0.007		16.333			0.006		16.151	13																																																																		
14			0.002		16.540			0.005		16.450			0.007		16.326			0.005		16.246	14																																																																		
15			0.003		16.537			0.005		16.445			0.006		16.320			0.005		16.141	15																																																																		
16			0.002		16.535			0.004		16.441			0.005		16.315			0.006		16.135	16																																																																		
17			0.001		16.534			0.003		16.438			0.006		16.309			0.004		16.131	17																																																																		
18			0.003		16.531			0.003		16.435			0.005		16.304			0.006		16.125	18																																																																		
19			0.001		16.530			0.004		16.431			0.005		16.299			0.006		16.119	19																																																																		
20			0.003		16.527			0.004		16.427			0.005		16.294			0.006		16.113	20																																																																		
21			0.002		16.525			0.004		16.423			0.004		16.290			0.006		16.107	21																																																																		
22			0.002		16.523			0.004		16.419			0.004		16.286		0.0	0.005		16.102	22																																																																		
23			0.004		16.519			0.004		16.415			0.004		16.282		9.483	0.002		6.617	23																																																																		
24			0.004		16.515			0.004		16.411			0.005		16.277		6.617	0.0		0.0	24																																																																		
25			0.004		16.511			0.003		16.408			0.006		16.271		0.0			0.0	25																																																																		
26			0.002		16.509			0.002		16.406			0.006		16.265						26																																																																		
27			0.003		16.506			0.003		16.403			0.005		16.260						27																																																																		
28			0.001		16.505			0.003		16.400			0.005		16.255						28																																																																		
29			0.003		16.502			0.004		16.396			0.005		16.250						29																																																																		
30			0.001		16.501			0.004		16.392			0.006		16.244						30																																																																		
31			0.003		16.498			0.004		16.388			0.006		16.238						31																																																																		
TOTAL			0.096					0.106					0.154				16.100	0.138			TOTAL																																																																		
JULY 1979																						AUGUST 1979																						OCTOBER 1979																						NOVEMBER 1979																					
1					24.2			0.026		24.174					8.4			0.093		196.764	1																																																																		
2					16.3			0.044		40.430					7.9			0.095		204.569	2																																																																		
3					1.1			0.040		41.490					10.1			0.099		214.570	3																																																																		
4						8.1		0.032		33.358					14.6			0.069		229.101	4																																																																		
5						7.2		0.028		26.130					14.4			0.108		243.393	5																																																																		
6								0.029		28.901					12.5			0.112		255.781	6																																																																		
7					2.8			0.044		35.257					11.4			0.115		267.066	7																																																																		
8					6.4			0.049		36.408					11.7			0.118		278.648	8																																																																		
9					3.2			0.041		36.567					11.7			0.082		290.266	9																																																																		
10						1.8		0.025	+30.000	53.742					11.5			0.094		301.632	10																																																																		
11						12.8		0.028		34.714					10.8			0.086		312.396	11																																																																		
12	0.0				19.0			0.019		22.695					11.1			0.132		323.364	12																																																																		
13	9.5		0.005		9.495	0.2		0.021		22.874					10.4			0.135		333.629	13																																																																		
14	14.9		0.014		24.381	1.9		0.026	+5.000	29.748					9.1			0.093		342.636	14																																																																		
15	14.5		0.026		38.855		11.7	0.017	+13.000	31.031					3.3			0.187		345.749	15																																																																		
16	12.2		0.037		51.018		11.3	0.019		19.712					0.0			0.140		345.609	16																																																																		
17			0.031		47.187		11.7	0.004		8.008					0.0			0.046		345.563	17																																																																		
18			0.026		40.461		8.008	0.0		0.0					0.0			0.046		345.517	18																																																																		
19	0.7	3.8	0.030		41.131			0.0		0.0	16.1		0.0	0.006	0.0			0.091		345.471	19																																																																		
20		1.4	0.016		39.713						0.0			0.006	16.094			0.091		345.380	20																																																																		
21	1.6		0.019		41.296					23.4	0.014				39.486			0.089		345.291	21																																																																		
22	6.6		0.031		47.865					18.6	0.031				28.049			0.045		345.246	22																																																																		
23	3.0		0.031		30.834					14.4	0.031				72.398			0.090		345.156	23																																																																		
24		11.7	0.029		39.105					13.5	0.029				85.839			0.045		345.111	24																																																																		
25		20.8	0.014	+20.000	38.291					14.0	0.034				99.805			0.089		345.022	25																																																																		
26			0.013		16.978					19.7	0.080				119.485			0.089		344.933	26																																																																		
27			0.001		1.977					20.6	0.046				140.039			0.045		344.888	27																																																																		
28			1.977		0.0					16.1	0.093				156.088			0.090		344.798	28																																																																		
29										12.9	0.055				168.933			0.090		344.708	29																																																																		
30										10.6	0.086				179.447			0.090		344.618	30																																																																		
31										9.1	0.090				188.457						31																																																																		
TOTAL	63.0	82.677	0.323	+20.000		56.1	103.608	0.492	+48.000		109.0		0.543			158.9		2.739			TOTAL																																																																		
DECEMBER 1979																						JANUARY 1980																						FEBRUARY 1980																						MARCH 1980																					
1			0.091		344.527			0.041		342.397			0.018		341.659			0.018		340.468	1																																																																		
2			0.136		344.391			0.083		342.314			0.037		341.622			0.028		340.440	2																																																																		
3			0.137		344.254			0.042		342.272			0.010		341.612			0.018		340.422	3																																																																		
4			0.137		344.117			0.042		342.230			0.010		341.602			0.017		340.395	4																																																																		
5			0.092		344.025			0.0		342.230			0.020		341.582			0.018		340.367	5																																																																		
6			0.092		343.933			0.044		342.186			0.010		341.572			0.018		340.349	6																																																																		
7			0.091		343.842			0.044		342.142			0.032		341.540			0.024		340.295	7																																																																		
8			0.137		343.705			0.045		342.097			0.054		341.466			0.054		340.231	8																																																																		
9			0.091		343.614			0.0		342.097			0.056		341.430			0.064		340.167	9																																																																		
10			0.046		343.568			0.041		342.056			0.058		341.372			0.028		340.139	10																																																																		
11			0.0		343.568			0.034		342.022			0.073		341.299			0.046		340.093	11																																																																		
12			0.046		343.522			0.0		342.022			0.063		341.236			0.037		340.056	12																																																																		
13			0.091		343.431			0.008		342.014			0.013		341.223			0.046		340.015	13																																																																		
14			0.046		343.385			0.020		341.994			0.014		341.209			0.046		339.964	14																																																																		
15			0.046		343.339			0.006		341.988			0.028		341.181			0.046		339.918																																																																			

Table C-27 (Cont'd)

EVANS DITCH COMPANY
FROM KETCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
APRIL 1980																						
1			0.086		338.774			0.045		336.321			0.101		333.480						1	
2			0.087		338.687			0.115		336.206			0.099		333.381						2	
3			0.088		338.599			0.096		336.110			0.097		333.284						3	
4			0.033		338.566			0.136		335.974			0.100		333.186						4	
5			0.011		338.555			0.117		335.857			0.099		333.085						5	
6			0.077		338.478			0.098		335.759			0.092		332.993						6	
7			0.066		338.412			0.096		335.663			0.107		332.886						7	
8			0.087		338.325			0.111		335.538			0.110		332.776						8	
9			0.097		338.228			0.016		335.536			0.113		332.663			0.0	0.0	0.0		9
10			0.066		338.142			0.062		335.474			0.112		332.551		16.1	0.010		16.090		10
11			0.108		338.034			0.062		335.412			0.111		332.440		13.4	0.018		29.472		11
12			0.129		337.905			0.070		335.342			0.091		332.349		6.5	0.021		35.951		12
13			0.128		337.777			0.071		335.271			0.097		332.258		9.0	0.026		44.925		13
14			0.095		337.682			0.095		335.216			0.111		332.161		10.3	0.026		0.199		14
15			0.095		337.587			0.096		335.120			0.126		332.015		10.3	0.004		10.495		15
16			0.125		337.462			0.103		335.017			0.121		331.894		10.3	0.010		20.785		16
17			0.134		337.328			0.133		334.884			0.121		331.773		10.3	0.016		31.069		17
18			0.113		337.215			0.152		334.732			0.114		331.659		10.3	0.020		41.349		18
19			0.123		337.092			0.163		334.569			0.122		331.527		10.3	0.021		51.628		19
20			0.082		337.010			0.143		334.426			0.097		331.440		10.3	0.033		61.895		20
21			0.093		336.917			0.098		334.328			0.110		331.330		10.3	0.037		72.158		21
22			0.053		336.864			0.089		334.239			0.100	-331.230 ^a	0.0	10.3	0.038		82.420		22	
23			0.043		336.821			0.067		334.172						10.3	0.090		92.670		23	
24			0.063		336.758			0.053		334.119						10.3	0.066		102.904		24	
25			0.083		336.675			0.091		334.028						3.9	0.070		106.734		25	
26			0.091		336.584			0.089		333.939							0.061		106.673		26	
27			0.098		336.486			0.087		333.852							0.064		106.609		27	
28			0.047		336.439			0.049		333.803							0.072		106.537		28	
29			0.009		336.430			0.060		333.743							0.063		106.474		29	
30			0.064		336.366			0.082		333.661							0.062		106.412		30	
31								0.080		333.581							0.096		78.730		31	
TOTAL			2.494					2.785					2.351	-331.230 ^a		162.2	27.626	0.844	-55.000 ^b		TOTAL	
SEPTEMBER 1980																						
DAY																					DAY	
1		52.6	0.018		26.112																1	
2		26.112	0.0		0.0																2	
3																					3	
4																					4	
5																					5	
6																					6	
7																					7	
8																					8	
9																					9	
10																					10	
11																					11	
12																					12	
13																					13	
14																					14	
15																					15	
16																					16	
17																					17	
18																					18	
19																					19	
20																					20	
21																					21	
22																					22	
23																					23	
24																					24	
25																					25	
26																					26	
27																					27	
28																					28	
29																					29	
30																					30	
31																					31	
TOTAL		78.712	0.018																		TOTAL	

FOOTNOTES
a 67.4 acre-feet diverted from Lower Kaweah.
b 1694.410 acre-feet diverted in Lower Kaweah.
c Released for diversion in Lower Kaweah.
d Released because Terminus Reservoir above allows storage.
e Transferred from Kaweah Delta Water Conservation District.
f Storage adjusted to maximum allowable.
g Transferred to Evans Ditch (from Lower Kaweah).

Table C-28

WATSON DITCH COMPANY
FROM LOWER RAMAH

DAY	OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY		
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE			
1						0.011				82.819			0.012		82.211			0.012		81.841	1		
2						0.023				82.796			0.012		82.199			0.012		81.829	2		
3						0.036				82.762			0.012		82.187			0.012		81.817	3		
4						0.036				82.726			0.023		82.164			0.012		81.805	4		
5						0.012				82.716			0.023		82.141			0.012		81.793	5		
6						0.0				82.716			0.012		82.129			0.012		81.781	6		
7						0.012				82.704			0.012		82.117			0.012		81.769	7		
8						0.012				82.704			0.012		82.105			0.012		81.757	8		
9						0.012				82.692			0.012		82.093			0.012		81.745	9		
10						0.012				82.680			0.012		82.081			0.012		81.733	10		
11	19.8		0.007		19.793	0.024				82.656			0.012		82.069			0.0		81.733	11		
12	21.8		0.022		41.571	0.036				82.620			0.0		82.069			0.0		81.733	12		
13	6.0		0.024		47.547	0.036				82.584			0.0		82.069			0.012		81.722	13		
14	0.0		0.024		47.523	0.048				82.536			0.012		82.057			0.012		81.708	14		
15			0.031		47.492	0.048				82.488			0.012		82.045			0.012		81.695	15		
16			0.023		47.469	0.024				82.464			0.012		82.033			0.025		81.670	16		
17			0.023		47.446	0.012				82.432			0.012		82.021			0.025		81.645	17		
18			0.015		47.431	0.024				82.428			0.012		82.009			0.025		81.620	18		
19			0.015		47.416	0.024				82.404			0.024		81.985			0.012		81.607	19		
20			0.030		47.386	0.025				82.379			0.012		81.973			0.025		81.592	20		
21			0.030		47.356	0.024				82.355			0.024		81.949			7.4		74.159	21		
22			0.023		47.333	0.024				82.331			0.012		81.937			11.9		62.239	22		
23			0.023		47.310	0.024				82.307			0.0		81.937			11.9		50.323	23		
24			0.023		47.287	0.012				82.295			0.012		81.925			11.9		36.417	24		
25			0.023		47.264	0.024				82.271			0.012		81.913			10.7		27.712	25		
26			0.007		47.257	0.024				82.247			0.012		81.901			11.2		16.506	26		
27	19.8		0.020		67.037	0.012				82.235			0.0		81.901			11.9		4.604	27		
28	14.4		0.024		81.413	0.0				82.235			0.012		81.889			0.0		4.604	28		
29	1.5		0.048		82.865	0.012				82.235			0.012		81.877			0.008		4.604	29		
30	0.0		0.023		82.893	0.012				82.235			0.012		81.865			0.008		4.598	30		
31			0.023		82.830	0.012				82.235			0.012		81.853			0.008		4.596	31		
TOTAL	83.3		0.470					0.607					0.370					76.9		0.357	TOTAL		
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY		
1					4.594	35.2				42.283	17.0				554.433	45.7				1455.204	1		
2					4.592	42.1				84.373	13.8				568.028	44.3				1468.925	2		
3					4.590	84.0				108.360	10.7				578.605	44.9				1513.178	3		
4					4.590	104.4				118.746	14.4				592.963	45.6				1588.128	4		
5					4.589	6.3				125.003	6.2				599.080	47.1				1654.703	5		
6					0.889	4.1			0.029	129.074	4.3			0.205	603.174	49.4			0.466	1683.637	6		
7					0.889	2.4			0.044	134.430	6.3			0.154	609.310	50.8			0.676	1733.761	7		
8					0.889	3.8			0.044	139.186	25.4			0.126	614.584	50.9			0.812	1783.708	8		
9					0.889	4.3			0.015	139.471	30.2			0.130	664.654	48.1			0.896	1830.974	9		
10					0.889	5.2			0.015	144.656	86.0			0.133	690.581	47.2			0.852	1877.342	10		
11					0.889	4.7			0.016	149.340	20.2			0.090	710.631	45.4			0.763	1921.979	11		
12					0.889	4.0			0.047	153.293	19.4			0.137	729.894	44.7			1.174	1965.505	12		
13					0.889	4.0			0.048	157.245	24.1			0.160	753.454	52.0			1.309	2016.200	13		
14					0.889	1.5			0.047	158.698	21.5			0.159	775.145	56.1			1.235	2071.045	14		
15					0.889	16.4			0.051	175.047	23.4			0.145	798.400	48.3			1.100	2118.265	15		
16					0.889	29.9			0.078	204.869	80.2			0.293	818.307	43.9			1.101	2161.054	16		
17					0.889	35.2			0.112	239.957	6.2			0.292	824.215	45.3			1.037	2205.227	17		
18					0.889	36.1			0.076	277.981	11.8			0.244	835.771	48.4			0.906	2252.821	18		
19					0.889	34.6			0.112	312.469	22.6			0.346	858.085	50.7			0.917	2302.604	19		
20					0.889	23.8			0.118	336.151	43.9			0.356	901.569	51.3			0.925	2352.979	20		
21					0.889	17.5			0.122	353.529	53.1			0.569	954.300	51.6			1.008	2403.571	21		
22					0.889	22.0			0.096	375.433	50.9			0.378	1004.822	52.5			0.874	2453.197	22		
23					0.889	19.9			0.099	395.234	31.3			0.370	1055.752	53.2			1.031	2507.366	23		
24					0.889	19.6			0.136	414.698	51.2			0.454	1106.498	54.6			0.971	2560.595	24		
25					0.889	29.2			0.107	443.731	49.8			0.520	1155.778	52.1			1.131	2611.964	25		
26					0.889	30.1			0.189	475.708	50.3			0.532	1205.546	52.2			1.372	2662.792	26		
27					0.889	28.0			0.079	503.623	52.1			0.546	1257.100	49.2			1.540	2710.452	27		
28					0.889	16.3			0.161	531.762	53.1			0.559	1309.641	46.6			1.166	2755.886	28		
29					7.6	6.6			0.189	547.173	28.5			0.571	1361.570	40.7			1.177	2795.141	29		
30					2.4	2.4			0.239	529.134	49.1			0.588	1413.052	32.1			1.081	2835.487	30		
31					7.7	7.7			0.239	537.595	49.1			0.588	1413.052	26.4			1.107	2881.780	31		
TOTAL	6.2	3.7	0.008			533.1		2.593			881.0		8.513		1471.3			29.602			TOTAL		
DAY	JUNE 1976					JULY 1976					SEPTEMBER 1976					OCTOBER 1976					DAY		
1	22.7				2273.212	1.260				66.7	0.578				958.421					10.4	0.077	399.482	1
2	19.6				2892.901	1.111				66.6	0.629				901.192					27.1	0.121	366.461	2
3	13.7				2906.412	1.189				66.0	0.583				834.669					28.1	0.127	394.434	3
4	7.7				2912.766	1.346				65.7	0.564				768.405					9.4	0.171	403.663	4
5	0.0				2886.910	1.256				65.3	0.538				708.667					0.0	0.212	403.431	5
6					2842.250					74.3	0.457				627.910						0.226	403.225	6
7					2795.660					80.6	0.410				546.900						0.313	402.912	7
8					2749.130					83.4	0.377				463.141						0.265	402.646	8
9					2679.437					85.2	0.280				377.663						0.307	402.334	9
10					2597.695																		

Table C-28 (Cont'd)

WATSON DITCH COMPANY
FROM LOWER KAMAEH

NOVEMBER 1976						APRIL 1977						MAY 1977						JUNE 1977						DAY	
IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		DAY	
		0.006		12.943								25.9		0.260		695.560		47.8		0.990		1474.912		1	
		0.008		12.935								29.2		0.263		735.497		48.8		0.980		1582.932		2	
	12.9	0.009		12.956								16.7		0.355		731.842		50.0		0.914		1372.018		3	
				0.0								6.2		0.355		737.687		50.9		0.990		1621.988		4	
												0.0		0.308		737.379		52.6		0.819		1673.709		5	
														0.261		737.118		52.9		0.898		1725.711		6	
						18.7		0.013		18.687				0.172		736.946		47.4		1.110		1772.003		7	
						37.4		0.026		56.061				0.089		736.861		50.1		0.729		1821.372		8	
						35.8		0.025		91.836				0.085		736.776		47.6		0.800		1868.772		9	
						12.1		0.047		103.889		0.0		0.168		736.608		47.6		0.533		1915.839		10	
														0.059		110.730		14.3		0.127		1968.205		11	
						6.9		0.077		126.553				0.171		126.553		44.0		0.893		2011.433		12	
						15.9		0.075		146.678				0.085		146.678		5.2		0.900		2040.733		13	
						20.2		0.097		164.881				0.211		164.881		0.0		0.906		2063.827		14	
						18.3		0.129		171.152				0.382		171.152		14.3		1.048		2075.079		15	
						32.4		0.137		245.415				0.304		245.415		31.2		0.977		2077.002		16	
						48.4		0.160		297.255				0.441		297.255		20.4		1.113		2076.289		17	
						52.0		0.210		350.045				0.308		350.045		4.1		0.974		2075.315		18	
						43.4		0.261		393.184				0.497		393.184		11.8		0.971		2074.344		19	
						29.9		0.308		422.776				0.449		422.776		29.8		0.849		2045.920		20	
														0.509		448.387		45.9		1.083		2005.737		21	
						25.9		0.289		448.387				0.381		469.723		50.8		0.848		1939.389		22	
						21.6		0.266		469.723				0.245		486.881		51.0		1.197		1849.732		23	
						17.5		0.340		508.836				0.304		508.836		52.1		1.056		1753.177		24	
						43.4		0.261		531.948				0.471		531.948		51.6		1.015		1636.619		25	
						23.0		0.288						0.471					105.6		0.959				26
						27.4		0.224		558.724				0.484		558.724		46.8		1.177		1532.761		27	
						29.2		0.270		587.654				0.552		587.654		51.2		1.039		1487.909		28	
						28.2		0.319		615.535				0.622		615.535		53.1		0.704		1394.105		29	
						28.2		0.288		643.447				0.804		643.447		50.8		1.055		1217.993		30	
						26.6		0.127		669.920				0.883		669.920		48.9		1.078		1109.506		31	
TOTAL	12.9	0.023				674.2		4.280				769.4		11.258				662.8		954.6		26.756		TOTAL	
JULY 1977						DECEMBER 1977						JUNE 1978						JULY 1978						DAY	
1	108.1	0.689		1000.772														28.0		0.186		556.074		1	
2	108.7	0.636		891.441														27.1		0.157		528.807		2	
3	109.1	0.536		781.805														27.8		0.173		500.834		3	
4	109.8	0.416		671.589														27.8		0.163		472.871		4	
5	108.6	0.354		562.635														27.8		0.153		444.918		5	
6	107.9	0.308		454.427														21.6		0.158		423.160		6	
7	107.9	0.267		346.260														17.9		0.164		405.096		7	
8	110.2	0.166		239.894														17.9		0.137		387.039		8	
9	109.3	0.096		131.084														17.9		0.157		368.972		9	
10	108.4	0.014		18.084														17.9		0.154		350.918		10	
11																		16.6		0.123		334.195		11	
12																		15.9		0.112		318.183		12	
13																		6.0		0.118		302.155		13	
14																		0.0		0.119		296.037		14	
15																				0.119		295.918		15	
16						0.0		0.0		0.0										0.125		295.793		16	
17						27.3		0.004		27.296										0.136		295.697		17	
18						19.4		0.012		76.684										0.144		295.513		18	
19						19.8		0.014		96.470										0.132		295.381		19	
20						0.0		0.014		96.456										0.150		295.231		20	
21								0.014		96.442										0.127		295.104		21	
22						0.0		0.028		96.414										0.135		294.969		22	
23						32.7		0.018		129.096										0.160		294.809		23	
24						32.7		0.043		161.753										0.142		294.667		24	
25						7.8		0.022		169.531										0.142		294.566		25	
26						31.2		0.0		200.731										0.129		294.461		26	
27						72.1		0.026	-272.8	0.0			0.0	0.0	684.000				0.112		294.326		27		
28						0.0		0.0		0.0			29.8	0.181	654.019				0.130		294.187		28		
29													37.7	0.180	616.139				0.130		294.057		29		
30													31.7	0.179	584.260				0.147		293.910		30		
31																				0.151		293.759		31	
TOTAL	1106.1	3.422				273.0		0.195	-272.8			99.2	0.540					286.1		4.401				TOTAL	
AUGUST 1978						SEPTEMBER 1978						FEBRUARY 1979						MARCH 1979						DAY	
1		0.163		293.596				0.025		25.705								8.9		0.043		234.933		1	
2		0.169		293.427				0.031		25.676								18.1		0.046		232.987		2	
3		0.175		293.252				0.035		25.649								19.6		0.072		227.515		3	
4		0.127		293.125		19.8		0.0		45.449								19.0		0.076		221.439		4	
5		0.190		292.935		39.2		0.0		84.649								7.1		0.075		220.464		5	
6	29.8	0.224		262.911		35.0	0.0	0.044		119.605								0.0		0.073		220.391		6	
7	47.6	0.152		215.159		11.1	9.9	0.053		120.752								0.0		0.091		220.298		7	
8	47.6	0.092		167.467		0.0	21.3	0.050		97.402								8.8		0.092		307.006		8	
9	51.3	0.071		116.096			27.8	0.036		69.566								10.3		0.090		317.216		9	
10	52.3	0.044		63.752			27.8	0.018		41.748								9.7		0.088		326.828		10	
11	55.1	0.005		8.447			16.6	0.011		25.137								11.9		0.066		338.662		11	
12	8.5	0.0		0.0			16.1	0.005		9.932								11.9		0.027		350.475		12	
13																									

Table C-28 (Cont'd)

WATSON DITCH COMPANY
FROM LOWER KANAWH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
APRIL 1979																						MAY 1979																						JUNE 1979																						OCTOBER 1979																					
1	13.9		0.059		566.489	21.8		0.249		1146.667			0.0	0.428	994.712						1																																																																		
2	15.0		0.140		581.349	14.4		0.248		1160.819			11.2	0.409	943.103						2																																																																		
3	15.8		0.141		596.408	11.2		0.319		1171.700			17.9	0.368	904.941						3																																																																		
4	15.0		0.161		611.247	21.8		0.356		1197.144			17.9	0.315	906.666						4																																																																		
5	14.0		0.162		626.085	34.0		0.350		1226.794			17.9	0.331	888.395						5																																																																		
6	31.9		0.083		656.902	14.1		0.314		1240.580			14.1	0.361	873.934						6																																																																		
7	43.2		0.130		699.972	0.0		0.190		1240.390			15.6	0.696	858.038						7																																																																		
8	43.4		0.180		743.192			0.140		1240.250			22.8	0.359	834.879						8																																																																		
9	36.1		0.139		779.153			0.303		1239.947			25.8	0.350	808.729						9																																																																		
10	31.7		0.165		810.686			0.371		1239.576			25.8	0.368	782.967						10																																																																		
11	31.7		0.146		842.242			0.435		1239.161			25.8	0.394	756.373						11																																																																		
12	31.7		0.149		873.793	0.0		0.503		1238.698			25.8	0.310	730.263						12																																																																		
13	31.7		0.204		905.289	5.0		0.542		1243.116			32.0	0.250	698.013						13																																																																		
14	36.7		0.260		941.729	7.9		0.558		1250.458			35.7	0.221	662.092						14																																																																		
15	42.2		0.292		983.637	4.2		0.460		1254.198			43.2	0.201	618.691						15																																																																		
16	31.7		0.269		1014.568	18.1		0.392		1271.906			47.6	0.196	570.895						16																																																																		
17	36.2		0.191		1050.577	25.3		0.457		1296.749			47.6	0.143	523.152						17																																																																		
18	23.8		0.222		1074.155	25.8		0.432		1300.117			47.6	0.169	484.283						18																																																																		
19	4.5		0.249		1078.406	25.0		0.449		1304.666			47.6	0.183	447.810	0.0		0.0			19																																																																		
20	0.0		0.276		1078.130	27.0		0.446		1371.222			47.6	0.139	379.891	19.8		0.007			20																																																																		
21			0.274		1077.896	27.8		0.395		1398.686			47.6	0.132	332.159	11.9		0.012			21																																																																		
22			0.272		1077.584	10.4		0.311		1409.755			47.6	0.096	284.463	0.0		0.017			22																																																																		
23			0.268		1077.316	0.0	0.0	0.347		1409.408			47.6	0.085	236.778	0.0		0.022			23																																																																		
24			0.263		1059.753		43.4	0.449		1364.559			47.6	0.078	189.100			0.022			24																																																																		
25		10.4	0.207		1049.146		112.8	0.432		1291.327			47.6	0.057	141.443			0.011			25																																																																		
26		0.0	0.152		1048.994		89.3	0.425		1161.602			47.6	0.033	93.810			0.006			26																																																																		
27	12.4		0.202		1061.192		22.3	0.349		1135.953			31.5	0.064	62.257	2.5		0.012			27																																																																		
28	21.1		0.226		1080.666		18.6	0.310		1120.043			47.6	0.006	49.01	0.0		0.012			28																																																																		
29	21.8		0.300		1103.566		49.6	0.326		1070.117			14.7	0.0	0.0			0.012			29																																																																		
30	21.8		0.250		1125.116		80.1	0.344		969.673								0.017			30																																																																		
31							34.2	0.333		955.140								0.017			31																																																																		
TOTAL	606.2	27.7	6.032			291.8	450.3	11.476					948.9	6.260				35.7	0.167		TOTAL																																																																		
NOVEMBER 1979																						DECEMBER 1979																						JANUARY 1980																						FEBRUARY 1980																					
1			0.017		35.516			0.009		35.199			0.004		34.982				0.002		34.907	1																																																																	
2			0.017		35.499			0.014		35.185			0.008		34.976				0.004		34.903	2																																																																	
3			0.016		35.483			0.014		35.171			0.004		34.970				0.001		34.902	3																																																																	
4			0.011		35.472			0.014		35.157			0.004		34.966				0.001		34.901	4																																																																	
5			0.016		35.456			0.009		35.148			0.002		34.966				0.002		34.899	5																																																																	
6			0.015		35.443			0.009		35.139			0.004		34.962				0.001		34.898	6																																																																	
7			0.015		35.426			0.009		35.130			0.005		34.957				0.003		34.895	7																																																																	
8			0.015		35.411			0.014		35.116			0.005		34.952				0.006		34.889	8																																																																	
9			0.010		35.401			0.009		35.107			0.005		34.952				0.006		34.883	9																																																																	
10			0.010		35.391			0.005		35.106			0.004		34.948				0.006		34.877	10																																																																	
11			0.010		35.381			0.0		35.102			0.003		34.945				0.007		34.870	11																																																																	
12			0.011		35.367			0.005		35.097			0.0		34.945				0.006		34.864	12																																																																	
13			0.014		35.353			0.009		35.088			0.001		34.944				0.001		34.863	13																																																																	
14			0.010		35.343			0.005		35.083			0.002		34.942				0.002		34.862	14																																																																	
15			0.019		35.324			0.005		35.076			0.001		34.941				0.003		34.859	15																																																																	
16			0.014		35.310			0.009		35.069			0.001		34.940				0.003		34.856	16																																																																	
17			0.005		35.305			0.009		35.060			0.001		34.939				0.003		34.853	17																																																																	
18			0.005		35.300			0.019		35.041			0.004		34.938				0.004		34.849	18																																																																	
19			0.005		35.295			0.009		35.032			0.002		34.936				0.013		34.846	19																																																																	
20			0.009		35.286			0.009		35.023			0.002		34.934				0.005		34.843	20																																																																	
21			0.009		35.277			0.0		35.023			0.002		34.932				0.003		34.838	21																																																																	
22			0.005		35.272			0.005		35.018			0.002		34.930				0.004		34.834	22																																																																	
23			0.009		35.263			0.005		35.013			0.002		34.928				0.003		34.821	23																																																																	
24			0.005		35.258			0.005		35.008			0.002		34.926				0.004		34.817	24																																																																	
25			0.009		35.249			0.005		35.003			0.001		34.925				0.006		34.811	25																																																																	
26			0.009		35.240			0.0		35.003			0.002		34.923				0.007		34.804	26																																																																	
27			0.005		35.235			0.004		34.999			0.003		34.920				0.005		34.799	27																																																																	
28			0.005		35.226			0.004		34.995			0.003		34.917				0.006		34.793	28																																																																	
29			0.009		35.217			0.005		34.990			0.001		34.916				0.004		34.789	29																																																																	
30			0.009		35.208			0.0		34.990			0.004		34.912				0.004		34.782	30																																																																	
31								0.004		34.986			0.003		34.909				0.003		34.775	31																																																																	
TOTAL			0.325					0.222					0.077					0.120			TOTAL																																																																		
MARCH 1980																						APRIL 1980																						MAY 1980																						JUNE 1980																					
1			0.002		34.787			0.009		34.608			0.005		34.354				0.010		34.063	1																																																																	
2			0.003		34.784			0.009		34.599			0.012		34.342				0.010		34.053	2																																																																	
3			0.002		34.782			0.009		34.590			0.010		34.332				0.010		34.043	3																																																																	
4			0.004		34.778			0.003		34.587			0.014		34.318				0.010		34.033	4																																																																	
5			0.002		34.776			0.001		34.586			0.012		34.306				0.012		34.023	5																																																																	
6			0.002		34.774			0.008		34.578			0.010		34.296				0.009		34.014	6																																																																	
7			0.006		34.768			0.007		34.571			0.010		34.286				0.011		34.003	7																																																																	
8			0.007		34.761			0.009		34.562			0.011		34.275				0.011		33.992	8																																																																	
9			0.007		34.754			0.010		34.552			0.002		34.273				0.012		33.980	9																																																																	
10			0.003		34.751			0.009		34.543			0.006		34.267				0.011		33.969	10																																																																	
11			0.005		34.746			0.011		34.532		</																																																																											

Table C-28 (Cont'd)

WATSON DITCH COMPANY
FROM LOWER KAWAHA

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
JULY 1980					AUGUST 1980					SEPTEMBER 1980					FOOTNOTES					DAY		
1					767,000	32.8	0.040			72,186											1	
2					767,000	10.5	0.036			61,650												2
3					767,000	0.5	0.034			61,116												3
4					767,000	1.8	0.030			59,286												4
5		0.0	0.0		767,000	4.3	0.029			54,957												5
6		17.4	0.261		749,339	8.0	0.025			46,932												6
7	1.9	9.2	0.259		739,880	8.0	0.020			38,912												7
8		0.261			741,519	8.0	0.017			30,895												8
9		11.7	0.238		729,581	8.0	0.014			22,881												9
10		26.5	0.240		700,841	8.0	0.009			14,872												10
11		41.1	0.245		659,496	4.4	0.012			19,260												11
12		45.6	0.212		613,684	11.9	0.018			31,142												12
13		45.6	0.239		567,845	6.7	0.014		+44.0 ^c	68,428												13
14		45.6	0.206		522,039	24.1	0.021			44,307												14
15		39.4	0.214		482,425	29.0	0.006			15,301												15
16		35.7	0.214		446,511	14.9	0.0		+31.0 ^c	31,401	0.0				0.0							16
17		34.5	0.168		411,843	7.2	0.012			24,189	7.8				0.006							17
18		34.9	0.155		376,788	9.2	0.007			21,062	11.5				0.017							18
19		35.7	0.142		340,946	23.5	0.005		+100.0 ^d	112,477	10.9				0.013							19
20		35.7	0.153		305,093	33.0	0.043			79,434	11.7				0.032							20
21		35.7	0.158		269,235	33.7	0.024			45,710	11.4				0.042							21
22		23.3	0.138		245,797	37.4	0.004			49,306	10.9				0.052							22
23		15.9	0.108		229,789	39.7	0.005		+10.8 ^c	20,424	10.9				0.073							23
24		15.9	0.133		213,766	20.4				0.0	9.5				0.082							24
25		15.9	0.072		197,794						9.1				0.090							25
26		9.7	0.102		187,992						3.5				0.094							26
27		9.9	0.100		181,992						0.0				0.093							27
28		12.1	0.101		169,791										0.062							28
29		22.1	0.079		147,612										0.079							29
30		27.1	0.037		120,475										0.055							30
31		15.4	0.049		109,026																	31
TOTAL	1.9	699.6	4.27%			16.3	368.7	0.425	+247.8		97.2		0.830								TOTAL	
DAY																					DAY	
1																					1	
2																					2	
3																					3	
4																					4	
5																					5	
6																					6	
7																					7	
8																					8	
9																					9	
10																					10	
11																					11	
12																					12	
13																					13	
14																					14	
15																					15	
16																					16	
17																					17	
18																					18	
19																					19	
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21																					21	
22																					22	
23																					23	
24																					24	
25																					25	
26																					26	
27																					27	
28																					28	
29																					29	
30																					30	
31																					31	
TOTAL																					TOTAL	

Table C-29

WATSON DITCH COMPANY
FROM KETCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																
OCTOBER 1975																						NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY
1					21.8	0.060	433.993			0.105	726.689			0.105	723.437						1																
2					20.6	0.125	454.438			0.103	726.286			0.106	723.331							2															
3					19.8	0.196	474.032			0.103	726.483			0.106	723.225							3															
4					18.6	0.205	492.427			0.206	726.277			0.106	723.119							4															
5					17.9	0.071	510.256			0.207	726.070			0.106	723.013							5															
6					17.8	0.0	528.056			0.105	725.965			0.106	722.907							6															
7	7.4	0.005		7.395	14.1	0.077	542.079			0.105	725.860			0.106	722.801							7															
8	11.9	0.028		19.283	13.1	0.0	555.179			0.105	725.755			0.106	722.695							8															
9	10.7	0.028		29.971	13.9	0.083	568.996			0.105	725.650			0.108	722.587							9															
10	9.9	0.008		39.863	12.6	0.085	581.511			0.105	725.545			0.108	722.479							10															
11	18.6	0.022		58.441	13.1	0.173	594.438			0.105	725.440			0.0	722.479							11															
12	13.8	0.043		82.198	12.6	0.265	606.773			0.0	725.440			0.0	722.479							12															
13	22.6	0.054		104.744	11.9	0.270	618.403			0.0	725.440			0.110	722.369							13															
14	21.8	0.064		126.480	11.9	0.367	629.936			0.105	725.335			0.111	722.258							14															
15	21.8	0.097		148.153	11.9	0.375	641.461			0.105	725.230			0.111	722.147							15															
16	20.6	0.082		168.701	10.7	0.191	651.970			0.105	725.125			0.222	721.965							16															
17	19.8	0.091		188.430	9.9	0.097	661.773			0.105	725.020			0.223	721.762							17															
18	15.6	0.065		206.944	8.7	0.108	670.275			0.105	724.915			0.223	721.559							18															
19	15.4	0.071		222.273	7.9	0.201	677.974			0.211	724.704			0.225	721.347							19															
20	12.6	0.150		234.723	7.9	0.204	685.670			0.106	724.598			0.225	721.142							20															
21	11.9	0.157		246.466	7.9	0.206	693.364			0.212	724.386			0.228	720.934							21															
22	11.9	0.123		278.243	7.9	0.208	701.056			0.106	724.280			0.231	720.723							22															
23	11.9	0.129		290.044	7.9	0.211	708.745			0.106	724.174			0.234	720.511							23															
24	10.7	0.134		296.806	7.9	0.107	716.538			0.106	724.068			0.119	720.300							24															
25	9.9	0.139		290.341	7.9	0.215	724.223			0.106	724.068			0.120	720.210							25															
26	12.4	0.048		302.693	3.0	0.216	727.007			0.106	723.962			0.243	719.967							26															
27	20.2	0.096		302.697	0.0	0.108	726.899			0.0	723.962			0.247	719.720							27															
28	23.8	0.101		346.396	0.0	0.105	726.899			0.105	723.857			18.1	701.375							28															
29	22.6	0.211		368.783	0.0	0.105	726.899			0.105	723.752			21.8	679.334							29															
30	21.8	0.055		390.568	0.105	0.105	726.794			0.105	723.647			22.1	651.968							30															
31	21.8	0.115		412.213	0.105	0.105	723.542			0.105	723.542			22.6	613.167							31															
TOTAL	414.3		2.087		319.2		4.619			3.252				85.69		4.775					TOTAL																
FEBRUARY 1976																						MARCH 1976					APRIL 1976					MAY 1976					DAY
1	23.1	0.225		609.842	11.0	0.112	897.991	28.3	0.494	1692.138			0.923	2322.805								1															
2	22.6	0.219		587.083	16.8	0.112	914.679	29.2	0.620	1720.728			0.973	2321.908								2															
3	21.8	0.214		565.009	27.0	0.113	931.566	29.2	0.373	1749.545			0.973	2320.935								3															
4	26.6	0.0		544.409	27.0	0.113	968.453	29.2	0.125	1778.620			0.949	2319.986								4															
5	9.9	0.102		527.007	25.8	0.343	993.910	29.2	0.249	1807.571			0.945	2319.241								5															
6	3.5	0.101		523.406	23.7	0.231	1017.379	29.2	0.686	1836.345			0.642	2318.599								6															
7	4.5	0.0		518.906	23.0	0.347	1040.032	29.2	0.508	1864.893			0.904	2317.695								7															
8	12	0.0		519.106	24.3	0.350	1063.686	29.1	0.375	1893.568			1.157	2316.538								8															
9	7.7	0.0		506.806	23.8	0.117	1087.665	29.1	0.377	1922.291			1.133	2315.405								9															
10	21.1	0.098		547.808	24.3	0.118	1111.847	29.2	0.377	1951.114			1.026	2314.379								10															
11	22.8	0.099		570.509	23.8	0.118	1135.529	29.2	0.251	1980.063			0.919	2313.460								11															
12	18.6	0.101		589.008	23.0	0.157	1158.172	29.2	0.378	2008.885			1.381	2312.079								12															
13	17.9	0.102		606.806	23.0	0.359	1180.813	29.2	0.432	2037.653			1.496	2310.583								13															
14	17.9	0.104		624.602	25.5	0.361	1203.952	29.2	0.504	2066.349			1.377	2309.206								14															
15	17.9	0.105		642.397	27.0	0.361	1227.591	29.2	0.579	2095.170			1.198	2308.082								15															
16	16.6	0.106		658.891	27.0	0.480	1259.111	29.2	0.761	2123.609			1.175	2306.833								16															
17	15.8	0.107		674.384	25.9	0.599	1289.312	29.2	0.768	2152.047			1.084	2305.749								17															
18	15.9	0.107		690.868	28.0	0.559	1313.053	29.2	0.637	2180.610			0.927	2304.511								18															
19	18.4	0.109		708.559	28.3	0.479	1340.874	29.2	0.891	2208.919			0.917	2303.905								19															
20	18.6	0.111		727.048	27.4	0.482	1367.792	28.8	0.884	2236.395			0.905	2303.000								20															
21	17.8	0.223		744.625	27.6	0.483	1394.909	28.5	0.874	2264.461			0.973	2321.127								21															
22	17.9	0.226		762.299	28.0	0.363	1422.546	10.6	0.855	2274.206			0.837	2320.890								22															
23	17.8	0.228		779.871	27.4	0.364	1449.582	0.0	0.796	2273.410			0.979	2320.511								23															
24	16.6	0.230		796.241	27.6	0.486	1476.666	0.938	0.938	2272.478			0.924	2319.197								24															
25	15.8	0.116		811.925	28.0	0.364	1504.332	1.023	1.023	2271.455			0.979	2317.840								25															
26	15.8	0.233		827.492	28.0	0.608	1531.794	0.0	1.002	2270.453			30.7	2316.268								26															
27	17.1	0.235		844.357	28.0	0.245	1559.479	17.9	0.993	2269.360			30.8	2314.782								27															
28	17.8	0.237		861.921	27.4	0.490	1587.389	28.6	0.989	2268.301			30.8	2313.378								28															
29	25.3	0.118		887.103	26.4	0.577	1612.212	10.7	0.974	2267.247			30.9	2311.975								29															
30	16.6	0.238		896.241	26.6	0.739	1638.073	0.0	0.969	2266.188			31.2	2310.572								30															
31	15.8	0.116		811.925	27.0	0.741	1664.332			2265.129			31.2	2309.169								31															
TOTAL	371.3	113.4	3.964		788.6		11.372		678.8	19.404			327.1		32.278						TOTAL																
JUNE 1976																						JULY 1976					AUGUST 1976					OCTOBER 1976					DAY
1	31.0	1.168		1698.382	24.6	1.601	2603.910	141.2	0.096	57.310			15.7	0.004	15.696							1															
2	31.0	1.009		2678.353	24.6	1.896	2657.454	57.3	0.0	0.0			25.1	0.024	40.782							2															
3	31.1	1.120		2708.345	24.6	1.648	2631.206						25.1	0.021	65.861							3															
4	31.2	1.266		2738.279	24.6	1.913	2604.693						24.0	0.038	89.823							4															
5	27.4	1.203		2764.476	24.6	1.822	2578.271						20.7	0.058	110.465																						

Table C-29 (Cont'd)

WATSON DITCH COMPANY
FROM KITCHEN DITCH

DAY	NOVEMBER 1976					DECEMBER 1976					JANUARY 1977					FEBRUARY 1977					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1					178,004						3.4		0.001	8,198	0.0		0.007		43,909	1	
2	76.4	0.082			100,390						6.7		0.005	14,893	1.2		0.007		45,102	2	
3	77.6	0.064			17,978						19.3		0.006	34,187	0.7		0.014		45,788	3	
4	82.4	0.012			0.0						12.7		0.008	48,879	5.8		0.016		51,572	4	
5	18.0	0.0			0.0						3.1	0.0	0.009	51,970	9.6		0.019		61.153	5	
6											0.0	3.7	0.008	48,262	8.3		0.021		69,442	6	
7											2.2	0.008	46,054	8.7		0.024		78,138	7		
8											1.2	0.007	44,847	9.6		0.026		87,698	8		
9											3.2	0.007	41,640	9.7		0.014		97,378	9		
10											1.5	0.0	40,140	9.6		0.031		106,247	10		
11											0.0	0.007	40,133	10.0		0.034		116,913	11		
12											0.006	40,126	7.3		0.036		0.036		124,177	12	
13											0.0	40,120	8.1		0.038		0.038		132,239	13	
14											0.0	40,120	9.7		0.061		0.061		141,878	14	
15											0.0	40,120	9.6		0.065		0.065		151,413	15	
16											0.0	0.006	40,114	10.1		0.069		161,444	16		
17											1.2	0.007	41,307	10.5		0.073		171,871	17		
18											2.0	0.007	41,300	9.7		0.102		181,469	18		
19											0.7	0.007	43,993	10.1		0.107		191,466	19		
20											0.0	0.007	43,986	7.4		0.055		198,807	20		
21											0.007	43,979	9.0		0.0		0.0		207,807	21	
22											0.007	43,972	20.5		0.061		0.061		228,246	22	
23											0.007	43,965	20.0		0.033		0.033		248,213	23	
24											0.007	43,998	15.5		0.035		0.035		263,678	24	
25											0.0	43,998	14.0		0.108		0.108		277,970	25	
26											0.007	43,951	11.9		0.112		0.112		289,358	26	
27											0.007	43,944	11.1		0.077		0.077		300,301	27	
28											0.007	43,937	11.7		0.119		0.119		311,962	28	
29											0.007	43,930									29
30											0.007	43,923									30
31											0.007	43,916									31
TOTAL	254.4 ^c	0.158				4.8		0.001			51.1	11.8	0.183			869.4	1.354			TOTAL	
DAY	MARCH 1977					APRIL 1977					MAY 1977					JUNE 1977					DAY
1	8.9	0.081			320,781	10.3	0.212			518,479	30.8	0.492		1317,258		1.341		2080,773	1		
2	5.6	0.123			326,258	12.3	0.270			530,509	31.9	0.496		1348,662		1.065		2079,708	2		
3	4.8	0.123			330,955	11.5	0.274			511,735	31.9	0.670		1379,892		1.008		2078,500	3		
4	4.8	0.126			335,610	16.5	0.337			527,898	30.6	0.678		1409,814	19.0	1.279		2096,221	4		
5	4.8	0.126			340,284	21.9	0.346			579,452	30.5	0.601		1439,713	30.5	1.040		2125,681	5		
6	4.8	0.211			344,873	27.0	0.415			606,037	29.6	0.520		1468,793	30.7	1.121		2155,260	6		
7	4.7	0.170			349,403	29.2	0.425			634,812	27.4	0.350		1495,843	30.8	1.368		2184,692	7		
8	4.7	0.129			353,974	29.0	0.309			663,503	28.0	0.177		1523,666	30.6	0.886		2214,406	8		
9	5.4	0.043			359,331	29.0	0.189			692,314	30.8	0.179		1554,287	11.5	0.298		2245,668	9		
10	5.8	0.130			365,001	29.1	0.324			721,950	30.6	0.361		1584,586	0.0	0.619		2275,949	10		
11	5.1	0.131			369,970	29.2	0.398			749,991	31.1	0.273		1615,353	19.3	0.927		2283,422	11		
12	6.0	0.132			375,838	29.2	0.474			773,618	31.9	0.367		1646,886	31.2	1.001		2273,621	12		
13	6.1	0.134			381,804	29.2	0.414			807,404	31.7	0.189		1678,401	31.3	1.016		2303,905	13		
14	5.1	0.135			386,769	29.2	0.491			836,113	30.9	0.467		1708,334	31.5	1.025		2334,380	14		
15	4.9	0.136			391,533	29.0	0.568			864,945	31.1	0.845		1738,589	31.5	1.195		2364,685	15		
16	6.2	0.045			397,688	28.7	0.407			892,748	31.8	0.659		1769,730	29.1	1.125		2392,660	16		
17	5.6	0.138			403,150	28.6	0.496			920,822	31.0	0.948		1800,682	27.3	1.297		2418,663	17		
18	4.7	0.092			407,758	28.6	0.569			948,883	30.9	0.670		1830,012	29.1	1.146		2442,617	18		
19	4.7	0.139			412,319	28.6	0.649			976,934	30.8	0.865		1859,287	21.8	1.153		2463,264	19		
20	4.8	0.139			416,980	28.7	0.731			1004,893	31.8	0.963		1890,784	19.9	1.001		2482,163	20		
21	5.4	0.187			422,193	28.8	0.667			1032,936	31.5	1.093		1921,231	18.9	1.331		2499,712	21		
22	7.7	0.236			428,657	28.8	0.601			1061,135	31.8	0.752		1952,279	18.6	1.519		2516,693	22		
23	10.3	0.191			439,766	28.8	0.760			1089,175	0.0	0.460		1983,819	16.9	1.637		2531,956	23		
24	11.1	0.146			450,720	28.8	0.538			1117,437	19.7	0.548		1990,971	13.9	1.482		2544,374	24		
25	11.1	0.049			461,771	28.8	0.621			1145,616	31.7	0.825		1981,846	12.0	1.495		2554,878	25		
26	9.9	0.200			471,471	28.7	0.470			1173,846	31.8	0.828		2012,818	11.9	1.602		2565,177	26		
27	9.1	0.253			480,318	28.7	0.553			1201,993	31.7	0.928		2043,600	4.5	1.711		2567,966	27		
28	9.7	0.204			489,814	28.8	0.637			1230,136	31.5	1.006		2074,094	0.0	1.766		2566,602	28		
29	8.0	0.298			497,596	28.8	0.863			1258,393	11.8	1.260		2084,614		1.829		2565,311	29		
30	6.1	0.156			503,500	28.8	0.243			1286,950		1.232		2083,402		1.588		2563,723	30		
31	5.1	0.209			508,391							1.288		2082,114						2563,723	31
TOTAL	201.0	4.571			792.6	14.041				816.1	20.936				517.8	36.191				TOTAL	
DAY	JULY 1977					AUGUST 1977					SEPTEMBER 1977					OCTOBER 1977					DAY
1			1.610		2562,113		134.3	0.130		123,894										1	
2			1.827		2560,286		123.9	0.0		0.0										2	
3			1.794		2558,532															3	
4			1.594		2556,948															4	
5			1.608		2555,340															5	
6			1.735		2553,605															6	
7			1.973		2551,634															7	
8			1.794		2549,840															8	
9			1.935		2547,905															9	
10			1.860		2546,045															10	
11		92.5	1.825		2451,704															11	
12		111.7	1.879		2398,125															12	
13		111.1	1.862		2225,203															13	
14		109.8	1.764		2113,639															14	
15		107.7	1.709		2004,230															15	
16		106.2	1.192		1896,838															16	
17		106.3	1.504		1789,034															17	
18		106.2	1.361		1681,473						0.0	0.0		0.0					18		
19		105.4	1.223		1574,850						15.4	0.005		16,597					19		
20		104.9	1.170		1465,780						22.9	0.006		39,421					20		
21		105.3	1.113																		

Table C-29 (Cont'd)

WATSON DITCH COMPANY
FROM KETCHUM DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
SEPTEMBER 1978																						FEBRUARY 1979																						MARCH 1979																						APRIL 1979																					
1	20.5		0.473		492.665								0.003		16.591			0.002		16.496	1																																																																		
2	18.0		0.609		510.056								0.003		16.598			0.001		16.492	2																																																																		
3	15.9		0.514		525.442								0.004		16.598			0.001		16.489	3																																																																		
4	5.5		0.0		530.942								0.004		16.580			0.001		16.484	4																																																																		
5	0.0		0.0		530.942								0.004		16.576			0.004		16.480	5																																																																		
6																						6																																																																	
7			0.194		530.748								0.004		16.572			0.002		16.478	7																																																																		
8			0.231		530.517								0.005		16.567			0.001		16.475	8																																																																		
9	0.0		0.274		530.243								0.005		16.562			0.004		16.471	9																																																																		
10	16.1		0.282		546.061								0.005		16.557			0.001		16.468	10																																																																		
11	25.8		0.248		571.613								0.004		16.551			0.001		16.465	11																																																																		
12	25.8		0.260		597.133								0.003		16.550			0.001		16.462	12																																																																		
13	25.4	0.0	0.287		628.226								0.004		16.546			0.001		16.459	13																																																																		
14	24.8	13.3	0.280		633.478								0.004		16.542			0.004		16.455	14																																																																		
15	25.0	37.4	0.274		620.804								0.002		16.540			0.005		16.450	15																																																																		
16	25.6	20.2	0.384		665.820								0.003		16.537			0.005		16.445	16																																																																		
17																						17																																																																	
18	25.8	12.4	0.447		636.773								0.002		16.535			0.004		16.441	18																																																																		
19	25.8	21.8	0.393		648.380								0.001		16.534			0.001		16.438	19																																																																		
20	25.8	28.5	0.336		659.344								0.003		16.531			0.001		16.435	20																																																																		
21	25.4	33.9	0.331		650.513								0.001		16.530			0.004		16.431	21																																																																		
22	24.8	36.2	0.380		616.733								0.003		16.527			0.004		16.427	22																																																																		
23																						23																																																																	
24	24.2	39.7	0.372		600.861								0.002		16.525			0.004		16.421	24																																																																		
25	24.0	39.7	0.415		584.746								0.002		16.521			0.004		16.419	25																																																																		
26	24.0	39.7	0.406		568.640								0.004		16.519			0.004		16.415	26																																																																		
27	24.0	39.7	0.382		552.693								0.005		16.515			0.004		16.411	27																																																																		
28	23.8	39.7	0.387		536.306								0.004		16.511			0.003		16.408	28																																																																		
29																						29																																																																	
30	23.6	39.7	0.331		519.875								0.002		16.509			0.002		16.406	30																																																																		
31	23.6	39.7	0.303		503.472	16.6		0.0		16.597			0.003		16.506			0.003		16.401	31																																																																		
TOTAL	592.4	602.7	9.732			16.6		0.006					0.096					0.106				TOTAL																																																																	
MAY 1979																						JUNE 1979																						JULY 1979																						AUGUST 1979																					
1			0.004		16.388			0.007		16.231												1																																																																	
2			0.004		16.384			0.007		16.224												2																																																																	
3			0.004		16.380			0.006		16.218												3																																																																	
4			0.005		16.375			0.006		16.212												4																																																																	
5			0.005		16.370			0.006		16.206												5																																																																	
6			0.004		16.366			0.007		16.199												6																																																																	
7			0.002		16.363			0.006		16.193												7																																																																	
8			0.002		16.361			0.007		16.186												8																																																																	
9			0.004		16.357			0.007		16.179												9																																																																	
10			0.005		16.352			0.007		16.172												10																																																																	
11			0.005		16.347			0.008		16.164												11																																																																	
12			0.007		16.340			0.007		16.157		0.0		0.0								12																																																																	
13			0.007		16.333			0.006		16.151	11.8	0.0		0.0								13																																																																	
14			0.007		16.326			0.005		16.146	14.8	0.0		0.0								14																																																																	
15			0.006		16.320			0.005		16.141	15.4	0.0		0.0								15																																																																	
16			0.005		16.315			0.006		16.135	11.9	0.0		0.0								16																																																																	
17			0.006		16.309			0.004		16.121	4.5	0.0		0.0								17																																																																	
18			0.005		16.304			0.006		16.125	2.3	0.0		0.0								18																																																																	
19			0.005		16.299			0.006		16.119	5.0	0.0		0.0								19																																																																	
20			0.005		16.294			0.006		16.113	0.5	0.0		0.0								20																																																																	
21			0.004		16.290			0.006		16.107	2.6	0.0		0.0								21																																																																	
22			0.004		16.286			0.005		16.102	7.6	0.0		0.0								22																																																																	
23			0.004		16.282			0.006		16.096	3.7	0.0		0.0								23																																																																	
24			0.004		16.277			0.005		16.089	0.0	11.6		0.0								24																																																																	
25			0.006		16.271			0.006		16.083	0.0	21.4		0.0								25																																																																	
26			0.006		16.265			0.006		16.077	15.2	0.0		0.0								26																																																																	
27			0.005		16.260			0.006		16.071	11.3	0.0		0.0								27																																																																	
28			0.005		16.255		16.1	0.0		0.0	6.6	0.0		0.0								28																																																																	
29			0.005		16.250			0.0		0.0	0.0	0.0		0.0								29																																																																	
30			0.006		16.244			0.0		0.0	0.0	0.0		0.0								30																																																																	
31			0.006		16.238			0.0		0.0	0.0	0.0		0.0								31																																																																	
TOTAL			0.154				16.1	0.267			73.3	72.9	0.401				7.6	72.5	0.058	465.0		TOTAL																																																																	
OCTOBER 1979																						NOVEMBER 1979																						DECEMBER 1979																						JANUARY 1980																					
1						8.4		0.093		196.764			0.091		344.587			0.041		342.377	1																																																																		
2						7.9		0.095		204.569			0.136		344.391			0.083		342.314	2																																																																		
3						10.2		0.099		214.570			0.137		344.254			0.042		342.272	3																																																																		
4						14.6		0.069		229.101			0.137		344.117			0.042		342.230	4																																																																		
5						14.4		0.108		243.393			0.092		344.025			0.0		342.230	5																																																																		
6																						6																																																																	
7						12.5		0.112		255.781			0.092		343.933			0.044		342.186	7																																																																		
8						11.4		0.115		267.066			0.091		343.842			0.044		342.144	8																																																																		
9						11.7		0.118		278.648			0.137		343.705			0.045		342.097	9																																																																		
10						11.5		0.082		290.856			0.091		343.614			0.0		342.097	10																																																																		
11								0.084		301.682			0.046		343.568			0.041		342.056	11																																																																		
12						10.8		0.086		312.396			0.0		343.568			0.034		342.022	12																																																																		
13						11.1		0.132		323.364			0.046		343.522			0.0		342.022	13																																																																		
14						10.4		0.135		333.629			0.091		343.431			0.008		342.014	14																																																																		
15						9.1		0.093		342.636			0.046		343.385			0.020		341.994	15																																																																		
16						3.3		0.187		345.749			0.046		343.339			0.006		341.988	16																																																																		
17						0.0		0.110		345.609			0.091		343.248			0.006		341.982	17																																																																		
18								0.046		345.563			0.091		343.157			0.006		341.976	18																																																																		
19								0.046		345.517																																																																													

Table C-30

LAKESIDE DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																																								
MAY 1975																						JUNE 1975																						JULY 1975																						AUGUST 1975																						SEPTEMBER 1975																					
1								0.152		344.515			0.173		289.663						1																																																																																								
2								0.132		344.365			0.202		289.481						2																																																																																								
3								0.141		344.242			0.181		289.300						3																																																																																								
4								0.159		344.053			0.212		289.088						4																																																																																								
5								0.150		343.933		0.0	289.088		0.0						5																																																																																								
6								0.140		343.793											6																																																																																								
7								0.122		343.671											7																																																																																								
8								0.103		343.568											8																																																																																								
9								0.115		343.453											9																																																																																								
10								0.058		343.395											10																																																																																								
11								0.118		343.277											11																																																																																								
12	29.8	0.018			29.782			0.150		343.127											12																																																																																								
13	113.6	0.093			113.289			0.163		342.964											13																																																																																								
14	149.1	0.174			148.215			0.197		342.767											14																																																																																								
15	55.0	0.180			54.795			0.231		342.536											15																																																																																								
16	0.0	0.177			346.858			0.218		342.318					0.0						16																																																																																								
17		0.163			346.695			0.190		342.128					191.7						17																																																																																								
18		0.139			346.556			0.221		341.907					0.0						18																																																																																								
19		0.136			346.418			0.180		341.727					0.0						19																																																																																								
20		0.136			346.282			0.195		341.532					0.0						20																																																																																								
21		0.145			346.137			0.198		341.334					0.0						21																																																																																								
22		0.123			346.014			0.202		341.132					0.0						22																																																																																								
23		0.142			345.872			0.214		341.712					0.0						23																																																																																								
24		0.131			345.741			0.224		341.594					0.0						24																																																																																								
25		0.150			345.591			0.210		341.484					0.0						25																																																																																								
26		0.178			345.413			0.219		341.365					0.0						26																																																																																								
27		0.196			345.217			0.262		294.203					254.2						27																																																																																								
28		0.146			345.071			0.230		290.273											28																																																																																								
29		0.145			344.926			0.224		289.049											29																																																																																								
30		0.125			344.801			0.193		289.856											30																																																																																								
31		0.134			344.667																31																																																																																								
TOTAL	347.5	2.833				49.54	5.311				289.088	0.768			560.9		0.521			-560.379	TOTAL																																																																																								
JUNE 1976																						JULY 1976																						AUGUST 1976																						SEPTEMBER 1976																																											
1					500.7	4.878		14600.068		629.9	4.876		8780.139								1																																																																																								
2					483.6	4.765		15078.908		614.9	4.695		8150.544								2																																																																																								
3					307.8	5.305		15981.394		633.6	4.901		7522.443								3																																																																																								
4					243.8	5.375		15619.819		644.6	2.978		6874.865								4																																																																																								
5					205.6	5.485		15819.991		644.6	4.037		6226.288								5																																																																																								
6					179.3	0.0	5.968	15993.323		626.2	4.765		5995.262		412.4		0.284				6																																																																																								
7					0.0	6.482	15928.671	15928.671		602.6	3.825		4969.137		339.5		0.487				7																																																																																								
8					245.0	6.366		15673.905		607.6	2.821		4379.135		26.3		0.592				8																																																																																								
9					292.2	6.286		15411.119		614.9	2.307		3761.929		0.0		0.0				9																																																																																								
10					252.2	6.670		15152.249		614.9	2.156		3144.873				176.1		0.500		10																																																																																								
11					290.4	5.469		14856.360		614.9	1.457		2528.316				229.4		0.235		11																																																																																								
12					339.8	5.110		14511.470		614.9	1.177		2430.439				247.9		0.153		12																																																																																								
13					386.4	5.089		14119.021		633.6	1.179		1795.660				247.9		0.019		13																																																																																								
14					389.1	5.431		13784.530		564.2	0.807		1230.653				42.897		0.0		14																																																																																								
15					307.8	5.350		13411.350		715.7	0.539		714.414				56.308		0.387		15																																																																																								
16					242.8	5.577		13162.993		515.7	0.129		198.525				198.4		0.301		16																																																																																								
17					204.9	5.946		12892.147		196.583			0.0				198.4		0.142		17																																																																																								
18					167.5	6.087		12518.565													18																																																																																								
19					146.4	5.372		12056.788													19																																																																																								
20					187.8	5.894		11573.094													20																																																																																								
21					161.0	4.789		11107.305													21																																																																																								
22					127.8	4.908		10678.603													22																																																																																								
23					120.1	5.578		10248.985													23																																																																																								
24					127.3	4.724		9816.901													24																																																																																								
25					123.0	2.592	+3607.075	12977.564													25																																																																																								
26					396.3	5.343		12595.941													26																																																																																								
27					342.9	5.508		12047.533													27																																																																																								
28					648.8	5.380		11393.353													28																																																																																								
29					654.6	4.747		10734.006													29																																																																																								
30					654.6	5.040		10074.366													30																																																																																								
31					654.6	4.851		9414.215													31																																																																																								
TOTAL	440.4	12.154			1390.8	1004.3	167.906	+3607.075		289.385	41.530	+518.0*			1145.2	4435.005	29.040		+5302.000		TOTAL																																																																																								
FEBRUARY 1979																						MARCH 1979																						APRIL 1979																						MAY 1979																																											
1								0.073		398.318			0.231		2201.397		457.3		1.303		6002.312	1																																																																																							
2								0.072		398.246			0.528		2000.869		415.9		1.373		6416.839	2																																																																																							
3								0.106		398.140			0.519		2200.350		430.0		1.866		6844.977	3																																																																																							
4								0.104		398.036			0.581		2199.769		505.7		2.191		7348.486	4																																																																																							
5								0.100		397.936			0.570		2199.199		538.9		2.248		7885.138	5																																																																																							
6								0.097		397.839			0.277		2198.922		509.9		2.124		8392.914	6																																																																																							
7								0.125		397.714			0.407		2198.515		454.8		1.354		8846.360	7																																																																																							
8								0.127		397.487			0.532		2197.983		376.7		1.042		9222.018	8																																																																																							
9								0.147		397.240			0.391		2197.592		286.2		2.290		9505.856	9																																																																																							
10								0.178		397.662			0.448		2197.114		185.0		2.859		9688.000	10																																																																																							
11								0.154		397.708			0.380		2196.764		182.0		3.306		9866.694	11																																																																																							
12								0.210		396.498			0.376		2196.388		301.1		2.108		10153.666	12																																																																																							
13								0.211		396.287			0.474		2196.214		440.9		4.624		10599.942	13																																																																																							
14								0.100		396.187		0.0	30.3		2075.341		598.5		4.963		11123.479	14																																																																																							
15								0.161		396.426			0.665		2237.676		561.4		4.288		11680.591	15																																																																																							
16								0.113		1042.813			0.656		2476.320		573.6		3.774		12250.417	16																																																																																							
17								0.056		1055.137			0.491		2694.829		577.3		4.515		12823.702	17																																																																																							
18								0.212		1054.240			0.575		2790.231		595.9		4.380		13414.714	18																																																																																							
19								0.053		1054.887			0.647		2800.804		470.7		4.638		13880.776	19																																																																																							
20								0.208		1054.679			0.717		2800.087		426.1		4.650		14302.226	20																																																																																							

Table C-30 (Cont'd)

LAKESIDE DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																										
JUNE 1979	JUNE 1979	JUNE 1980	JUNE 1980	JULY 1979	JULY 1979	JULY 1980	JULY 1980	JULY 1980	JULY 1980	JULY 1980	JULY 1980	JULY 1980	JULY 1980	JULY 1980	JULY 1980	JULY 1980	JULY 1980	JULY 1980	JULY 1980	JULY 1980	JULY 1980	DAY																									
																							1	0.0	64.7	6,544	14601.393	868.0	1,540	3421.217															1		
																							2	0.0	22.3	6,327	14572.766	998.0	0.977	2428.240																2	
																							3	41.1	0.0	5,774	14608.192	905.6	0.565	1522.075																3	
																							4	99.7	0.0	5,104	14702.748	893.5	0.271	712.304																4	
																							5	12.9	0.0	5,489	14710.159	893.3	0.0	0.0																5	
																							6	0.0	4.0	6,074	14700.085																			6	
																							7		37.2	5,059	14697.826																			7	
																							8		155.7	6,236	14495.890																			8	
																							9		226.2	6,265	14261.525																			9	
																							10		262.9	6,468	13994.157																			10	
																							11		279.0	7,146	13708.011																			11	
																							12		294.6	5,701	13407.710																			12	
																							13		399.0	4,697	13004.053																			13	
																							14		438.0	4,173	12598.874																			14	
																							15		536.7	3,891	11968.283																			15	
																							16		571.4	3,921	11392.962																			16	
																							17		553.5	2,959	10836.503																			17	
																							18		426.6	3,675	10406.228																			18	
																							19		347.4	3,601	10059.227																			19	
																							20		405.0	3,522	9646.705																			20	
21		432.0	3,667	9211.038																			21																								
22		450.6	2,970	8737.468																			22																								
23		466.1	2,977	8288.391																			23																								
24		479.9	3,225	7805.266																			24																								
25		422.3	2,993	7380.013																			25																								
26		370.5	2,481	7007.032																			26																								
27		365.6	2,603	6638.829																			27																								
28		608.8	2,394	6207.635																			28																								
29		840.7	1,994	5735.011																			29																								
30		892.6	1,674	4290.757																			30																								
TOTAL	153.7	10406.3	129,280			4287.4	3,353																TOTAL																								
AUGUST 1980	AUGUST 1980	AUGUST 1980	AUGUST 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	DAY																								
																								1	733.3	4,011	7235.915	297.6	4,710	6772.430																	1
																								2	711.3	3,793	6490.822	297.6	4,688	6470.142																	2
																								3	668.7	3,235	5824.887	297.6	4,648	6167.894																	3
																								4	621.2	2,638	12701.049	297.6	4,913	5865.381																	4
																								5	642.4	6,258	32959.391	297.6	4,299	5563.922																	5
																								6	632.9	6,075	11413.416	297.6	4,518	5261.404																	6
																								7	688.0	5,631	10719.785	297.6	3,296	4960.508																	7
																								8	719.4	5,400	9994.985	297.6	3,269	4659.639																	8
																								9	664.6	5,561	9324.824	297.6	2,901	4359.138																	9
																								10	631.2	5,277	8688.347	297.6	3,103	4058.435																	10
																								11	707.0	4,781	7976.566	297.6	2,794	3758.041																	11
																								12	753.9	4,294	7218.412	297.6	2,543	3457.898																	12
																								13	729.1	3,777	6485.535	297.6	2,582	3157.716																	13
																								14	714.2	2,713	5768.622	297.6	2,039	2858.077																	14
																								15	708.0	2,055	5058.567	297.6	1,475	2559.002																	15
																								16	704.3	2,055	4352.212	297.6	1,490	2259.912																	16
																								17	636.1	1,903	3714.209	389.4	1,543	1868.969																	17
																								18	697.2	1,504	3055.505	432.1	1,230	1435.639																	18
																								19	694.4	0,973	2360.132	387.4	0,462	1047.777																	19
																								20	694.4	0,898	13164.834	365.1	0,517	682.160																	20
21	789.1	6,429	12429.305	365.1	0,248	316.812																	21																								
22	653.2	5,464	11770.611	316.8	0.0	0.0																	22																								
23	595.2	5,979	11169.462																				23																								
24	595.2	6,768	10567.494																				24																								
25	533.2	6,552	10027.742																				25																								
26	564.2	5,432	9458.110																				26																								
27	605.1	5,338	8847.672																				27																								
28	605.1	5,555	8237.017																				28																								
29	543.1	4,562	7689.355																				29																								
30	437.7	4,242	7247.413																				30																								
31	334.8	4,873	7074.740																				31																								
TOTAL	19931.5	133,966	43967.0 ⁶		7017.5	57,228																	TOTAL																								
AUGUST 1980	AUGUST 1980	AUGUST 1980	AUGUST 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	SEPTEMBER 1980	DAY																								
																								1																						1	
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																								3																							3
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Table C-31

LAKESIDE DITCH COMPANY
FROM CENTRAL VALLEY PROJECT EXCHANGE

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
FEBRUARY 1979																						MARCH 1979																						APRIL 1979																						MAY 1979																					
1								0.345		1876.800					1865.757					0.402	1851.348	1																																																																	
2								0.338		1876.462					1865.309					0.397	1850.951	2																																																																	
3								0.497		1875.964					1864.869					0.504	1850.447	3																																																																	
4								0.488		1875.477					1864.377					0.552	1851.895	4																																																																	
5								0.473		1875.004					1863.894					0.528	1851.367	5																																																																	
6								0.458		1874.546					1863.419					0.468	1850.899	6																																																																	
7	0		0.0		0.0			0.586		1874.060					1862.944					0.345	1850.416	7																																																																	
8	248		0.045		247.955			0.559		1873.401					1862.469					0.209	1850.407	8																																																																	
9	612		0.152		859.803			0.558		1872.869					1862.000					0.451	1849.956	9																																																																	
10	744		0.276		1603.527			0.506		1872.363					1861.531					0.553	1849.403	10																																																																	
11	280		0.324		1883.203			0.363		1872.000					1861.069					0.620	1848.783	11																																																																	
12	0		0.646		1882.557			0.464		1871.536					1860.603					0.751	1848.032	12																																																																	
13			0.319		1882.238			0.464		1871.072					1860.137					0.806	1847.286	13																																																																	
14			0.273		1881.965			0.219		1870.608					1859.671					0.824	1846.402	14																																																																	
15			0.531		1881.434			0.315		1870.143					1859.205					0.678	1845.724	15																																																																	
16			0.261		1881.173			0.202		1870.336					1858.739					0.568	1845.156	16																																																																	
17			0.519		1880.654			0.099		1870.237					1858.273					0.649	1844.507	17																																																																	
18			0.263		1880.394			0.385		1869.852					1857.807					0.603	1843.904	18																																																																	
19			0.506		1879.885			0.094		1869.478					1857.341					0.616	1843.288	19																																																																	
20			0.245		1879.640			0.368		1869.100					1856.875					0.599	1842.699	20																																																																	
21			0.220		1879.420			0.271		1868.729					1856.409					0.442	1842.247	21																																																																	
22			0.209		1879.211			0.266		1868.353					1855.943					0.433	1841.814	22																																																																	
23			0.398		1878.813			0.435		1868.018					1855.477					0.453	1841.361	23																																																																	
24			0.385		1878.426			0.426		1867.598					1855.011					0.606	1840.735	24																																																																	
25			0.378		1878.050			0.501		1867.199					1854.545					0.668	1840.127	25																																																																	
26			0.184		1877.866			0.245		1867.246					1854.079					0.673	1839.654	26																																																																	
27			0.363		1877.503			0.388		1866.838					1853.613					0.599	1839.182	27																																																																	
28			0.358		1877.145			0.147		1866.421					1853.147					0.509	1838.729	28																																																																	
29								0.284		1866.027					1852.681					0.561	1838.281	29																																																																	
30								0.138		1865.689					1852.215					0.638	1837.833	30																																																																	
31								0.335		1865.353					1851.750					0.639	1837.384	31																																																																	
TOTAL	1884		6.855					11.198						12.203					17.206		TOTAL																																																																		
JUNE 1979																						JULY 1979																						AUGUST 1979																																											
1			0.823		1835.721			0.817		1814.651												1																																																																	
2			0.797		1834.924			0.729		1814.222												2																																																																	
3			0.717		1834.207			0.674		1813.249												3																																																																	
4			0.636		1833.571			0.684		1812.565												4																																																																	
5			0.684		1832.887		0.0	0.632		1812.677												5																																																																	
6			0.757		1832.130		674.1	0.445		1812.102												6																																																																	
7			0.632		1831.498		596.4	0.201		1811.501												7																																																																	
8			0.788		1830.710		455.5	0.0		1811.000												8																																																																	
9			0.791		1829.919					1810.500												9																																																																	
10			0.845		1829.074					1810.000												10																																																																	
11			0.993		1828.121					1809.500												11																																																																	
12			0.777		1827.344					1809.000												12																																																																	
13			0.654		1826.690					1808.500												13																																																																	
14			0.610		1826.080					1808.000												14																																																																	
15			0.993		1825.487					1807.500												15																																																																	
16			0.628		1824.839					1807.000												16																																																																	
17			0.498		1824.361					1806.500												17																																																																	
18			0.644		1823.737					1806.000												18																																																																	
19			0.653		1823.064					1805.500												19																																																																	
20			0.665		1822.399					1805.000												20																																																																	
21			0.725		1821.674					1804.500												21																																																																	
22			0.618		1821.056					1804.000												22																																																																	
23			0.694		1820.402					1803.500												23																																																																	
24			0.792		1819.650					1803.000												24																																																																	
25			0.728		1818.922					1802.500												25																																																																	
26			0.644		1818.278					1802.000												26																																																																	
27			0.711		1817.565					1801.500												27																																																																	
28			0.752		1816.843					1801.000												28																																																																	
29			0.667		1816.176					1800.500												29																																																																	
30			0.708		1815.468					1800.000												30																																																																	
31										1800.000												31																																																																	
TOTAL			21.076				1811.3	4.171													TOTAL																																																																		
AUGUST 1979																						SEPTEMBER 1979																						OCTOBER 1979																																											
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20																						20																																																																	
21																						21																																																																	
22																						22																																																																	
23																						23																																																																	
24																						24																																																																	
25																						25																																																																	
26																						26																																																																	
27																						27																																																																	
28					</																																																																																		

Table C-32

LAKESIDE DITCH COMPANY
FROM CORCORAN IRRIGATION DISTRICT

JUNE 1979						JULY 1979															
DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
1								0.866		1904.908											1
2								0.774		1903.534											2
3								0.714		1902.820											3
4								0.725		1902.095											4
5								0.703		1901.392											5
6								0.794		1900.598											6
7						0.0		0.849		1900.749											7
8						223.2		0.838		1699.712											8
9						728.1		0.572		957.040											9
10						702.1		0.132		264.805											10
11						261.8				0.0											11
12																					12
13																					13
14																					14
15																					15
16																					16
17		0.0	0.0		0.0																17
18	1934.6		0.683		1933.920																18
19	0.0		0.692		1933.228																19
20			0.706		1932.522																20
21			0.769		1931.753																21
22			0.655		1931.098																22
23			0.693		1930.405																23
24			0.797		1929.608																24
25			0.772		1928.836																25
26			0.683		1928.153																26
27			0.756		1927.397																27
28			0.765		1926.632																28
29			0.707		1925.925																29
30			0.751		1925.174																30
31																					31
TOTAL	1934.6		9.429			1928.2		6.967													TOTAL
JULY 1979																					
DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8																					8
9																					9
10																					10
11																					11
12																					12
13																					13
14																					14
15																					15
16																					16
17																					17
18																					18
19																					19
20																					20
21																					21
22																					22
23																					23
24																					24
25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL

Table C-33

PERSIAN DITCH COMPANY
FROM LOWER KAWRAH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
APRIL 1976																						
1					30.2			0.017		42.373			0.206		466.157						1	
2					40.6			0.032		81.141			0.179		465.978							2
3					36.5			0.050		119.591			0.191		465.787							3
4					30.4			0.061		149.930			0.215		465.572							4
5					16.2			0.053		166.077		0.0	0.191		439.381							5
6					3.3			0.047		169.330		43.5	0.162		395.719							6
7					0.0			0.066		169.264		44.6	0.124		350.995							7
8					0.0			0.084		169.180		46.1	0.092		304.803							8
9					14.4			0.090		183.490		69.1	0.079		235.684							9
10					16.1			0.088		199.502		81.3	0.026		154.298							10
11					39.5			0.091		229.911		80.1	0.026		74.172	59.9		0.037			59.863	11
12					40.5			0.161		270.250		74.172			0.0	60.6		0.070			120.393	12
13					38.9			0.200		308.950						14.6		0.095			135.098	13
14					38.4			0.207		347.143						0.0		0.094			135.004	14
15					40.1			0.201		387.042								0.093			134.911	15
16					41.2			0.218		428.024								0.092			134.819	16
17					31.6			0.216		459.408								0.092			134.727	17
18					9.7			0.189		468.919								0.110			134.617	18
19					0.0			0.187		468.738								0.092			134.525	19
20								0.184		468.548								0.055			134.470	20
21								0.196		468.352								0.091			134.379	21
22								0.167		468.185								0.090			134.289	22
23								0.192		467.993								0.126			134.163	23
24	1.9		0.001		1.899			0.203		467.816								0.107			134.005	24
25								0.241		467.372								0.071			133.877	25
26	1.1		0.001		2.998			0.265		467.107								0.088			133.789	26
27	0.0		0.001		2.996			0.198		466.909								0.071			133.718	27
28	0.0		0.001		2.995			0.196		466.713								0.018			133.700	28
29	9.2		0.005		12.190			0.169		466.544						0.0		0.053			131.747	29
30								0.281		466.363						18.1						30
31																						31
TOTAL	12.2		0.010			458.6		4.627				464.872		1.491		153.4		1.653			31	
MAY 1976																						
1					30.2			0.017		42.373			0.206		466.157							1
2					40.6			0.032		81.141			0.179		465.978							2
3					36.5			0.050		119.591			0.191		465.787							3
4					30.4			0.061		149.930			0.215		465.572							4
5					16.2			0.053		166.077		0.0	0.191		439.381							5
6					3.3			0.047		169.330		43.5	0.162		395.719							6
7					0.0			0.066		169.264		44.6	0.124		350.995							7
8					0.0			0.084		169.180		46.1	0.092		304.803							8
9					14.4			0.090		183.490		69.1	0.079		235.684							9
10					16.1			0.088		199.502		81.3	0.026		154.298							10
11					39.5			0.091		229.911		80.1	0.026		74.172	59.9		0.037			59.863	11
12					40.5			0.161		270.250		74.172			0.0	60.6		0.070			120.393	12
13					38.9			0.200		308.950						14.6		0.095			135.098	13
14					38.4			0.207		347.143						0.0		0.094			135.004	14
15					40.1			0.201		387.042								0.093			134.911	15
16					41.2			0.218		428.024								0.092			134.819	16
17					31.6			0.216		459.408								0.092			134.727	17
18					9.7			0.189		468.919								0.110			134.617	18
19					0.0			0.187		468.738								0.092			134.525	19
20								0.184		468.548								0.055			134.470	20
21								0.196		468.352								0.091			134.379	21
22								0.167		468.185								0.090			134.289	22
23								0.192		467.993								0.126			134.163	23
24								0.203		467.816								0.107			134.005	24
25								0.241		467.372								0.071			133.877	25
26								0.265		467.107								0.088			133.789	26
27								0.198		466.909								0.071			133.718	27
28								0.196		466.713								0.018			133.700	28
29								0.169		466.544						0.0		0.053			131.747	29
30								0.281		466.363						18.1						30
31																						31
TOTAL	12.2		0.010			458.6		4.627				464.872		1.491		153.4		1.653			31	
OCTOBER 1976																						
1			0.035		151.712			0.0	0.001		2.650					11.5		0.010			15.188	1
2			0.050		151.662			0.0	0.001		2.650					5.6		0.011			20.777	2
3			0.049		151.613											0.0		0.012			20.765	3
4			0.064		151.549													0.013			20.752	4
5			0.080		151.469													0.010			20.742	5
6			0.085		151.384																20.731	6
7			0.117		151.267																20.718	7
8			0.100		151.167											0.0		0.013			20.710	8
9			0.115		151.052										26.0		0.005				46.705	9
10			0.114		150.938										15.6		0.017				62.288	10
11			0.097		150.841										0.0		0.006				62.262	11
12			0.097		150.744												0.008				62.234	12
13			0.112		150.632												0.027				62.207	13
14			0.096		150.536												0.027				62.180	14
15			0.095		150.441												0.031				62.149	15
16			0.079		150.362													0.029			62.120	16
17			0.094		150.268													0.033			62.087	17
18			0.094		150.174													0.006			62.058	18
19			0.094		150.080													0.029			62.029	19
20		0.0	0.078		150.002													0.019			47.410	20
21		83.9	0.079		126.023											20.5		0.015			25.895	21
22		36.3	0.047		87.676											26.895		0.0			0.0	22
23		36.8	0.016		50.860																	23
24		37.0	0.005		13.855																	24
25		0.0	0.005</																			

Table C-33 (Cont'd)

PERSIAN DITCH COMPANY
FROM LOWER KAWASBI

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
SEPTEMBER 1978																						FEBRUARY 1979																						MARCH 1979																						APRIL 1979																					
1					0.0						7.3		0.018		96.276	21.6		0.07		355.911	1																																																																		
2					18.6						4.4		0.018		100.658	15.3		0.089		371.122	2																																																																		
3					29.8						0.0		0.027		100.631	4.3		0.089		375.333	3																																																																		
4					18.6						26.2		0.026		100.695	10.4		0.102		385.631	4																																																																		
5			0.0		48.400						0.0		0.025		100.580	19.5		0.105		405.025	5																																																																		
6	18.6	0.0	0.024		66.976						0.0		0.025		100.595	33.4		0.055		448.371	6																																																																		
7	4.5	18.6	0.023		52.853						26.2		0.040		126.713	40.9		0.089		479.152	7																																																																		
8	0.0	42.2	0.006		10.647						26.4		0.045		153.070	41.1		0.126		520.156	8																																																																		
9		10.6			0.0						14.1		0.046		207.542	34.0		0.099		554.057	9																																																																		
10											9.7		0.047		172.977	29.8		0.119		583.748	10																																																																		
11											10.7		0.046		183.641	22.4		0.105		606.033	11																																																																		
12											9.9		0.048		193.493	16.6		0.106		622.527	12																																																																		
13											14.1		0.051		207.542	24.6		0.106		646.931	13																																																																		
14											10.7		0.026		218.216	24.6		0.127		676.594	14																																																																		
15											7.1		0.038		225.278	29.8		0.210		706.184	15																																																																		
16											7.1		0.025		232.353	17.4		0.192		723.308	16																																																																		
17											7.0		0.013		239.340	22.4		0.136		745.656	17																																																																		
18											3.3		0.050		242.590	17.4		0.158		762.898	18																																																																		
19											2.1		0.032		244.678	3.7		0.177		766.421	19																																																																		
20											1.0		0.048		245.630	0.0		0.186		766.225	20																																																																		
21											21.7		0.003		29.096	245.594		0.195		766.030	21																																																																		
22											27.6		0.006		56.690	245.559		0.193		765.837	22																																																																		
23											24.1		0.017		80.773	245.502		0.191		765.646	23																																																																		
24											8.3		0.018		89.055	245.446		0.190		765.456	24																																																																		
25											0.0		0.018		89.037	245.380		0.151		765.305	25																																																																		
26													0.009		89.028	245.348		0.111		765.194	26																																																																		
27													0.017		89.011	245.297		0.147		771.247	27																																																																		
28													0.017		88.994	245.277		0.163		780.984	28																																																																		
29													23.2		268.476	9.9		0.216		795.668	29																																																																		
30													25.7		298.133	14.9		0.216		820.786	30																																																																		
31													19.5		313.608	25.3		0.182		820.786	31																																																																		
TOTAL	71.5	71.4	0.053			89.1		0.106			246.5		1.146		334.348		490.7		4.262		TOTAL																																																																		
MAY 1979																						JUNE 1979																						JUNE 1980																						JULY 1980																					
1	22.3		0.183		642.903			0.450		1004.654											1354.000	1																																																																	
2	11.7		0.183		854.420			0.431		991.823											1354.000	2																																																																	
3	33.7		0.236		855.884			0.380		971.643											1354.000	3																																																																	
4	33.7		0.268		899.316			0.330		951.513											1354.000	4																																																																	
5	39.4		0.268		938.448			0.351		940.062											1354.000	5																																																																	
6	13.4		0.241		951.607		0.2	0.388		939.874											1344.632	6																																																																	
7	0.0		0.146		951.461			0.323		936.951											1349.060	7																																																																	
8			0.108		951.353			0.393		914.098											1460.781	8																																																																	
9	0.0		0.232		951.121			0.382		883.976											1440.444	9																																																																	
10	2.5		0.285		953.336			0.395		853.781											1319.693	10																																																																	
11	4.0		0.321		957.015			0.429		823.552											1290.713	11																																																																	
12	4.0		0.390		960.625			0.337		793.415											1250.580	12																																																																	
13	20.1		0.408		980.297			0.271		757.144											1210.370	13																																																																	
14	33.5		0.452		1033.345			0.240		717.204											1170.208	14																																																																	
15	24.6		0.381		1037.564			0.220		677.284											1130.007	15																																																																	
16	20.3		0.326		1097.538			0.217		631.167											1099.786	16																																																																	
17	20.6		0.380		1077.758			0.159		581.408											1049.659	17																																																																	
18	19.8		0.374		1097.199			0.189		534.119											1009.544	18																																																																	
19	22.3		0.374		1119.125			0.173		483.346											969.441	19																																																																	
20	26.3		0.372		1145.053			0.160		437.086											929.276	20																																																																	
21	29.0		0.282		1173.771			0.159		399.027											895.251	21																																																																	
22	11.2		0.278		1184.693			0.124		364.503											871.163	22																																																																	
23	0.0	0.0	0.271		1184.402			0.117		326.986			0.0	+1354.0	0.0						850.963	23																																																																	
24			0.377		1146.825			0.118		284.768			0.430		1353.180						830.686	24																																																																	
25			0.359		1050.966			0.095		237.273			0.409	+1.2	1354.000						810.589	25																																																																	
26	43.9	0.369		1006.697			55.8	0.064		181.409					1354.000						790.361	26																																																																	
27		0.0	0.308		1006.399			0.048		121.861					1354.000						770.137	27																																																																	
28			0.279		1006.110			0.025		62.336					1354.000						749.898	28																																																																	
29			0.307		1005.803			0.009		17.597					1354.000						729.703	29																																																																	
30			0.349		1005.454			0.0		0.0					1354.000						709.684	30																																																																	
31			0.350		1005.104										1354.000						670.972	31																																																																	
TOTAL	370.4	276.6	9.482			0.2	998.3	6.973					1.229	+1355.2		16.9	688.6	11.329			TOTAL																																																																		
AUGUST 1980																						SEPTEMBER 1980																						FOOTNOTES																																											
1			24.8	0.358	645.813																	1																																																																	
2			47.1	0.350	598.353																	2																																																																	
3			63.2	0.297	534.866																	3																																																																	
4			78.1	0.232	456.534																	4																																																																	
5			93.0	0.189	361.345																	5																																																																	
6			85.3	0.148	277.897																	6																																																																	
7			79.4	0.104	188.393																	7																																																																	
8			79.4	0.064	118.929																	8																																																																	
9			79.4	0.024	139.505																	9																																																																	
10			79.4	0.036	80.069																	10																																																																	
11			79.4	0.0	126.669																	11																																																																	
12			42.2	0.050	84.419																	12																																																																	
13			38.4	0.027	57.992																	13																																																																	
14			49.6	0.004	58.388																	14																																																																	
15			24.8	0.014	33.574																	15																																																																	
16			28.5	0.002	195.072		0.0															16																																																																	
17			19.7	0.033	65.339		7.4	0.006														17																																																																	
18			39.7	0.013	67.626		10.9	0.016														18																																																																	
19			45.9	0.009	121.717		10.3	0.013														19																																																																	
20			49.6	0.039																																																																																			

Table C-34

PERSIAN DITCH COMPANY
FROM KETCHUM DITCH

DAY	OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1						21.8		0.058		438,026			0.100		696,857			0.100		693,738	1
2						20.6		0.123		498,505			0.099		696,798			0.101		693,637	2
3						19.8		0.189		458,116			0.099		696,639			0.101		693,536	3
4						18.6		0.198		476,533			0.198		696,461			0.101		693,435	4
5						16.6		0.069		693,049			0.198		696,263			0.101		693,334	5
6						15.9		0.0		508,949			0.100		696,163			0.102		693,232	6
7	7.4		0.005		7,395	13.4		0.074		522,775			0.101		696,062			0.102		693,130	7
8	11.9		0.012		19,283	15.1		0.0		535,375			0.101		695,961			0.102		693,028	8
9	9.4		0.012		28,671	12.5		0.079		547,796			0.101		695,860			0.103		692,925	9
10	9.2		0.008		37,863	11.9		0.082		559,634			0.101		695,759			0.104		692,821	10
11	18.6		0.021		56,442	11.9		0.166		571,348			0.101		695,658			0.0		692,821	11
12	22.6		0.042		79,000	11.9		0.255		582,993			0.0		695,658			0.102		692,821	12
13	21.8		0.052		100,748	10.6		0.259		593,334			0.0		695,658			0.105		692,716	13
14	21.8		0.062		122,486	9.9		0.292		602,882			0.012		695,557			0.106		692,610	14
15	21.8		0.095		144,151	9.9		0.338		612,424			0.101		695,456			0.102		692,504	15
16	20.6		0.080		164,711	9.9		0.182		622,142			0.101		695,355			0.213		692,291	16
17	18.6		0.089		181,222	9.9		0.293		631,949			0.101		695,254			0.214		692,077	17
18	16.6		0.064		199,758	8.6		0.189		640,360			0.101		695,153			0.214		691,863	18
19	14.5		0.069		214,189	7.9		0.192		648,068			0.202		694,951		0.0	0.107		691,756	19
20	12.6		0.145		226,644	7.9		0.195		655,773			0.201		694,850			0.216		691,540	20
21	11.9		0.152		236,392	7.9		0.197		663,476			0.203		694,647		19.8	0.212		691,528	21
22	11.9		0.119		250,173	7.9		0.199		671,277			0.101		694,546		31.7	0.205		689,623	22
23	10.7		0.128		260,749	7.9		0.208		679,879			0.0		694,546			0.197		689,466	23
24	9.8		0.129		270,420	7.9		0.102		686,673			0.101		694,445		32.5	0.095		573,831	24
25	6.7		0.133		278,987	7.9		0.206		694,367			0.101		694,344		31.7	0.091		542,040	25
26	11.7		0.046		290,641	3.0		0.207		697,160			0.101		694,243		31.7	0.172		510,168	26
27	20.1		0.092		301,649	0.0		0.103		697,057			0.0		694,243		33.0	0.164		477,004	27
28	22.6		0.097		333,152	0.0		0.0		697,057			0.101		694,142		39.9	0.153		436,951	28
29	20.6		0.204		353,348	0.0		0.0		697,057			0.101		694,041		43.6	0.139		393,212	29
30	21.1		0.053		374,595	0.0		0.100		696,957			0.101		693,940		43.6	0.146		349,486	30
31	21.8		0.111		396,284	0.0		0.0		696,957			0.101		693,839		43.6	0.111		305,775	31
TOTAL	398.3		2.016			305.1		4.427					3.118				384.1	3.964			TOTAL
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY
1			41.2		0.097	264,478	10.4		0.048	383,433	27.1		0.340		1163,427			0.696		1792,960	1
2			40.9		0.089	223,495	16.7		0.049	400,064	27.2		0.429		1190,198			0.677		1732,283	2
3			41.6		0.069	181,826	26.9		0.051	426,523	27.2		0.259		121,139			0.734		1751,549	3
4			40.4		0.0	141,426	25.8		0.053	452,660	27.2		0.087		1244,252			0.716		1750,833	4
5			37.2		0.020	104,206	25.0		0.165	477,495	27.2		0.175		1271,277			0.562		1750,271	5
6			27.1		0.035	77,091	23.7		0.114	501,081	27.2		0.443		1298,034			0.485		1749,786	6
7			24.3		0.0	52,791	23.0		0.175	523,906	27.2		0.356		1324,578			0.582		1749,104	7
8			20.7		0.051	32,051	24.3		0.180	546,026	27.2		0.268		1351,410			0.873		1748,231	8
9			10.4		0.0	21,621	23.8		0.062	571,764	27.0		0.270		1378,140			0.855		1747,376	9
10			0.0		0.007	36,784	24.3		0.063	596,001	27.0		0.271		1405,069			0.774		1746,602	10
11			22.8		0.010	59,574	23.8		0.064	619,737	27.2		0.182		1432,087			0.693		1745,909	11
12			18.6		0.013	78,161	23.0		0.198	642,539	27.2		0.274		1459,013			1.042		1744,867	12
13			17.9		0.016	96,045	23.0		0.202	665,337	27.2		0.315		1485,896			1.129		1743,738	13
14			17.9		0.019	134,986	24.3		0.205	689,431	27.1		0.359		1512,659			1.039		1742,699	14
15			17.9		0.021	131,805	26.1		0.210	715,321	27.0		0.279		1539,350			0.904		1741,795	15
16			16.6		0.024	148,381	26.8		0.203	741,838	27.1		0.561		1566,089			0.887		1740,908	16
17			15.8		0.026	164,155	26.8		0.358	768,880	27.2		0.254		1592,555			0.818		1740,090	17
18			15.9		0.056	179,999	26.7		0.217	794,763	27.2		0.473		1619,252			0.700		1739,390	18
19			18.4		0.031	198,368	26.8		0.293	821,270	27.0		0.663		1646,589		0.0	0.692		1738,698	19
20			18.6		0.033	216,935	26.9		0.299	847,871	26.7		0.661		1671,628			0.683		1738,015	20
21			17.8		0.070	234,665	27.0		0.303	874,568	26.4		0.655		1697,373		19.0	0.736		1736,279	21
22			16.6		0.074	251,191	26.9		0.230	901,238	9.0		0.642		1726,631		30.5	0.636		1726,143	22
23			15.9		0.078	267,023	26.9		0.213	927,906	9.9		0.597		1756,094		30.6	0.747		1815,996	23
24			15.9		0.082	282,831	27.0		0.214	954,591	9.0		0.699		1785,335		30.6	0.700		1845,896	24
25			15.8		0.043	298,588	26.9		0.238	981,253	9.0		0.767		1704,568		30.6	0.813		1875,683	25
26			15.8		0.089	314,299	26.8		0.400	1007,653	0.0		0.752		1703,816		30.6	0.982		1905,301	26
27			17.1		0.098	331,307	26.9		0.162	1034,391	16.4		0.747		1719,469		30.7	1.100		1934,901	27
28			17.8		0.096	349,011	27.0		0.388	1061,063	26.5		0.746		1745,223		30.8	0.833		1964,870	28
29			24.1		0.050	373,061	25.8		0.389	1086,474	9.9		0.735		1774,388		30.9	0.938		1994,933	29
30						25.0		0.501	1110,373	9.0		0.701		1753,656		31.1	0.733		2025,899	30	
31						26.2		0.506	1136,667	9.0		0.798									

Table C-34 (Cont'd)

PERSIAN OILCH COMPANY
FROM KETCHUM OILCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY															
DECEMBER 1976																						JANUARY 1977					FEBRUARY 1977					MARCH 1977				
1						3.1		0.002		74.98	0.0	0.7	0.022		72.108	6.9		0.084		332.104	1															
2						6.4		0.005		13.893	0.0	0.0	0.02		74.696	4.5		0.127		336.477	2															
3						18.3		0.005		32.188	0.3		0.023		74.973	4.6		0.127		341.150	3															
4						13.6		0.008		45.980	5.1		0.025		80.048	4.6		0.128		345.822	4															
5						11.4		0.009		57.371	6.1		0.027		88.121	4.6		0.129		350.493	5															
6						11.4		0.011		68.760	7.4		0.025		95.506	4.7		0.217		354.976	6															
7						3.7		0.012		72.448	6.7		0.031		104.175	4.6		0.175		359.601	7															
8						0.0		0.012		72.336	9.5		0.038		113.641	4.6		0.152		364.269	8															
9						1.2	0.0	0.012		72.484	9.5		0.038		123.123	4.7		0.084		368.950	9															
10						1.2	0.0	0.0		73.624	9.5		0.039		132.584	4.6		0.133		373.392	10															
11						0.0	0.5	0.011		73.113	9.4		0.041		141.943	4.7		0.134		377.958	11															
12						0.7	0.7	0.012		72.401	7.1		0.043		149.000	4.7		0.135		382.593	12															
13						0.0	1.2	0.011		71.190	6.8		0.045		155.795	4.8		0.136		387.187	13															
14						0.5	0.0	0.0		71.690	8.8		0.071		164.484	4.8		0.136		391.851	14															
15						0.7	0.0	0.0		72.390	9.5		0.074		173.910	4.6		0.137		396.314	15															
16						1.2	0.0	0.012		73.578	9.4		0.078		183.232	6.2		0.046		402.468	16															
17						0.0	0.5	0.012		73.066	9.1		0.081		192.251	5.4		0.139		407.789	17															
18						0.0	2.0	0.011		71.095	9.3		0.113		201.438	4.6		0.092		412.236	18															
19						0.5	0.0	0.011		71.544	9.1		0.117		210.421	4.6		0.140		416.696	19															
20						0.7	0.0	0.011		72.233	7.0		0.060		217.361	4.6		0.241		421.155	20															
21						1.2	0.0	0.012		73.421	9.0		0.0		226.361	4.7		0.188		425.867	21															
22						2.0	0.0	0.012		75.409	20.0		0.066		246.295	7.2		0.238		432.699	22															
23						2.0	0.0	0.012		77.397	18.8		0.035		236.060	10.1		0.193		442.536	23															
24						0.7	0.0	0.012		78.085	15.1		0.088		245.123	10.9		0.146		452.990	24															
25						0.0	2.5	0.0		75.585	12.4		0.114		292.409	10.9		0.050		464.140	25															
26						1.5	0.0	0.011		74.074	11.0		0.117		305.292	8.2		0.200		472.140	26															
27						0.0	1.5	0.011		72.063	11.1		0.080		314.312	6.8		0.212		480.588	27															
28						0.0	1.2	0.011		74.092	11.1		0.124		325.288	8.2		0.203		486.685	28															
29						0.0	1.0	0.011		74.041	9.0		0.0		305.292	6.4		0.256		492.829	29															
30	1.5		0.0		1.500	0.0	1.0	0.012		74.090	9.0		0.0		325.288	4.7		0.154		497.375	30															
31	2.9		0.001		4.399	0.0	1.2	0.011		72.219	9.0		0.0		305.292	4.6		0.206		501.769	31															
TOTAL	4.4		0.001			78.6	10.1	0.280			294.7	0.7	1.531			181.1		4.619			TOTAL															
APRIL 1977																						MAY 1977					JUNE 1977					JULY 1977				
1	8.6		0.209		510.360	28.9		0.468		1295.136			1.269		1969.871	56.7		1.209		1924.466	1															
2	11.5		0.266		521.594	30.4		0.473		1285.083			1.009		1968.862	57.2		1.331		1865.935	2															
3	11.7		0.270		533.024	30.4		0.638		1314.845	0.0		1.144		1967.718	57.3		1.239		1807.396	3															
4	16.5		0.333		549.193	29.0		0.646		1343.199	17.7		1.211		1984.207	57.8		1.083		1748.513	4															
5	21.9		0.343		570.752	28.7		0.572		1371.327	28.4		0.984		1970.603	57.0		1.061		1690.449	5															
6	25.6		0.409		595.943	27.6		0.495		1398.432	28.5		1.061		2039.062	56.3		1.110		1633.039	6															
7	27.0		0.417		622.526	25.5		0.333		1423.599	28.7		1.294		2066.468	55.7		1.218		1576.121	7															
8	26.7		0.302		648.924	26.0		0.188		1449.431	28.6		0.838		2094.230	56.6		1.068		1518.453	8															
9	26.6		0.194		679.940	29.0		0.170		1478.261	10.6		0.229		2104.605	56.6		1.110		1460.743	9															
10	26.7		0.315		702.223	29.0		0.344		1506.917	0.0		0.585		2104.000	56.0		1.085		1403.718	10															
11	27.0		0.386		728.833	29.5		0.260		1536.137	18.1		0.876		2121.244	56.8		1.002		1345.916	11															
12	27.0		0.460		755.379	30.4		0.349		1566.208	29.2		0.953		2149.489	57.3		1.033		1287.581	12															
13	27.0		0.401		781.978	29.8		0.176		1595.832	29.4		0.961		2177.968	57.1		1.007		1229.474	13															
14	27.0		0.475		808.503	28.8		0.444		1624.188	29.4		0.969		2206.359	56.1		0.979		1172.375	14															
15	26.9		0.548		834.855	29.6		0.804		1652.984	29.5		1.189		2234.730	54.9		0.952		1116.543	15															
16	26.5		0.479		860.676	30.3		0.626		1682.638	27.2		1.063		2260.867	54.5		0.682		1061.376	16															
17	26.2		0.477		886.999	30.3		0.911		1712.057	25.5		1.829		2289.142	54.7		0.846		1005.360	17															
18	26.2		0.347		912.252	28.1		0.637		1739.200	23.5		1.083		2307.359	54.6		0.770		950.460	18															
19	26.4		0.623		938.029	29.0		0.822		1767.696	20.3		1.089		2316.770	54.3		0.659		894.465	19															
20	26.7		0.701		970.028	30.2		0.915		1796.983	18.6		0.945		2344.425	54.0		0.670		840.795	20															
21	26.8		0.639		990.189	29.8		1.001		1825.782	17.9		1.276		2361.049	54.3		0.682		785.653	21															
22	26.6		0.576		1016.413	11.0		0.715		1836.067	17.7		1.525		2370.019	54.8		0.653		730.400	22															
23	26.6		0.727		1042.486	0.0		0.437		1853.630	16.0	7.205	1.511		2378.108	55.3		0.941		674.559	23															
24	26.8		0.514		1068.772	17.9		0.521		1871.009	13.0	55.5	1.337		2384.271	55.3		0.511		618.788	24															
25	26.6		0.594		1094.978	28.6		0.783		1880.886	11.2	55.7	1.316		2388.455	55.5		0.477		564.771	25															
26	26.6		0.449		1121.329	28.7		0.785		1908.741	11.2	34.2	1.376		2404.079	56.5		0.472		505.799	26															
27	26.9		0.588		1147.701	28.6		0.870		1936.471	4.4	34.8	1.434		2421.245	56.8		0.374		446.625	27															
28	26.8		0.608		1173.891	28.5		0.953		1964.018	0.0	34.4	1.514		2436.731	56.7		0.361		387.564	28															
29	26.8		0.537		1200.156	10.7		1.193		1973.525	0.0	55.3	1.088		2440.203	57.1		0.341		334.193	29															
30	26.8		0.232		1226.724	0.0		1.166		1977.359	0.0	56.6	1.228		1982.375	58.1		0.310		273.713	30															
31						1.219		1.219		1971.140						60.5		0.127		215.026	31															
TOTAL	738.5		13.945			764.3		19.884			484.6	440.305	33.060			1742.4		24.949			TOTAL															
AUGUST 1977																						DECEMBER 1977					AUGUST 1978					SEPTEMBER 1978				
1	59.6		0.152		145.074										19.3			0.310		322.198	1															
2	94.905		0.054		50.114										17.2			0.405		338.993	2															
3	50.114				0.0										15.1			0.386		353.707	3															
4															5.2			0.0		368.907	4															
5															0.0			0.0		398.907	5															
6															0.0			0.131		358.776	6															
7															0.0			0.156		358.620	7															
8															17.4			0.185		358.435	8															
9																																				

Table C-34 (Cont'd)

FERRIAN DITCH COMPANY
FERRIAN RESERVOIR DITCH

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																
FEBRUARY 1979																						MARCH 1979					APRIL 1979					MAY 1979					
1								0.001		15.291			0.002		15.199			0.003		15.067	1																
2								0.003		15.288			0.004		15.195			0.001		15.064	2																
3								0.004		15.284			0.004		15.191			0.004		15.060	3																
4								0.004		15.280			0.004		15.187			0.004		15.056	4																
5								0.004		15.276			0.004		15.183			0.004		15.052	5																
6								0.004		15.272			0.002		15.181			0.004		15.048	6																
7								0.005		15.267			0.003		15.178			0.002		15.046	7																
8								0.005		15.262			0.004		15.174			0.002		15.044	8																
9								0.004		15.258			0.003		15.171			0.004		15.040	9																
10								0.004		15.254			0.003		15.168			0.004		15.036	10																
11								0.003		15.251			0.003		15.165			0.005		15.031	11																
12								0.004		15.247			0.003		15.162			0.007		15.027	12																
13								0.003		15.243			0.003		15.159			0.007		15.023	13																
14								0.002		15.241			0.003		15.156			0.005		15.011	14																
15								0.003		15.238			0.003		15.153			0.006		15.005	15																
16								0.002		15.235			0.004		15.149			0.005		15.000	16																
17								0.001		15.235			0.003		15.146			0.005		14.995	17																
18								0.003		15.232			0.003		15.143			0.005		14.990	18																
19								0.001		15.231			0.025		15.108			0.005		14.985	19																
20								0.003		15.228			0.004		15.104			0.005		14.980	20																
21								0.002		15.226			0.004		15.100			0.004		14.976	21																
22								0.002		15.224			0.004		15.096			0.004		14.972	22																
23								0.004		15.220			0.004		15.092			0.004		14.968	23																
24								0.003		15.217			0.004		15.088			0.005		14.964	24																
25								0.004		15.213			0.003		15.085			0.005		14.960	25																
26								0.002		15.211			0.002		15.083			0.005		14.953	26																
27	0.0		0.0		0.0			0.003		15.208			0.003		15.080			0.005		14.948	27																
28	15.3		0.003		15.297			0.001		15.207			0.003		15.077			0.004		14.944	28																
29			0.003		15.294			0.002		15.205			0.004		15.073			0.005		14.939	29																
30								0.001		15.204			0.003		15.070			0.004		14.934	30																
31								0.003		15.201			0.003		15.067			0.005		14.929	31																
TOTAL	15.3		0.006					0.093					0.331					0.341			TOTAL																
JUNE 1979																						JULY 1979					AUGUST 1979					OCTOBER 1979					
1			0.007		14.922					3.0			0.003		2.977						1																
2			0.006		14.916					3.5			0.007		6.490						2																
3			0.006		14.910					4.1			0.011		10.579						3																
4			0.005		14.905					4.0			0.014		14.565						4																
5			0.006		14.899					3.8			0.020		18.345						5																
6			0.006		14.893					6.2			0.025		24.520						6																
7			0.005		14.888					7.5			0.040		31.880						7																
8			0.006		14.882					7.3			0.050		39.230						8																
9			0.006		14.876					4.9	0.0		0.049		44.081						9																
10			0.007		14.869					0.0	2.0	0.044		72.037							10																
11			0.008		14.861					0.0	10.6	0.049		-10.0 ^a	21.388						11																
12			0.006		14.855			0.0		0.0	8.3	0.037		43.051							12																
13			0.005		14.850			0.002		3.056	1.1	0.0	0.041		44.110						13																
14			0.005		14.845			0.005		7.993	0.8	0.0	0.047		49.863						14																
15			0.005		14.840			0.008		12.785	0.0	13.1	0.034		51.729						15																
16			0.005		14.835			0.0		17.672	0.0	12.2	0.038		39.491						16																
17			0.004		14.831		4.9	0.0	0.013	15.962	12.8	0.025		26.666							17																
18			0.005		14.826			6.2	0.006	9.756	12.6	0.007		14.059							18																
19			0.005		14.821			6.6	0.002	3.154	14.1	0.0		0.0							19																
20			0.005		14.816			3.2		0.0	0.0	0.0		0.0							20																
21			0.006		14.810										21.7			0.013			36.581	21															
22			0.005		14.805										37.1			0.029			51.652	22															
23			0.005		14.800										13.4			0.047			67.605	23															
24			0.006		14.794										12.5			0.055			79.450	24															
25			0.006		14.788										13.1			0.042			92.518	25															
26			0.005		14.783										18.6			0.019			111.099	26															
27			0.006		14.777										19.3			0.043			130.356	27															
28			0.006		14.771										15.1			0.048			145.408	28															
29		14.8	0.0		0.0										10.0			0.080			157.257	29															
30															8.6			0.083			167.177	30															
31																		0.083			175.694	31															
TOTAL	14.8 ^a		0.158			17.7	17.7	0.046		46.2	85.7	0.541		+40.0		176.2		0.506			TOTAL																
NOVEMBER 1979																						DECEMBER 1979					JANUARY 1980					FEBRUARY 1980					
1	7.9		0.056		183.508			0.084		321.159			0.038		319.374			0.017		318.488	1																
2	7.4		0.069		190.819			0.127		321.032			0.077		319.097			0.035		318.453	2																
3	9.4		0.092		200.127			0.128		320.904			0.039		319.058			0.009		318.414	3																
4	13.5		0.064		213.563			0.128		320.776			0.040		319.018			0.009		318.435	4																
5	13.4		0.100		226.863			0.085		320.651			0.0		319.018			0.019		318.416	5																
6	11.5		0.104		239.259			0.085		320.606			0.041		318.977			0.010		318.406	6																
7	10.6		0.107		248.752			0.085		320.521			0.041		318.936			0.030		318.376	7																
8	10.8		0.110		259.442			0.128		320.393			0.046		318.896			0.051		318.329	8																
9	10.9		0.076		270.266			0.085		320.308			0.0		318.894			0.053		318.272	9																
10	10.7		0.078		280.888			0.043		320.265			0.038		318.856			0.054		318.218	10																
11	10.2		0.080		291.008			0.0		320.265			0.032		318.824			0.068		318.150	11																
12	10.4		0.123		301.285			0.043		320.222			0.0		318.824			0.059		318.091	12																
13	9.8		0.126		310.959			0.085		320.137			0.007		318.817			0.042		318.071	13																
14	8.6		0.086		319.473			0.043		320.094			0.019		318.799			0.013		318.066	14																
15	3.0		0.174		322.299			0.043		320.051			0.006		318.792			0.026		318.040	15																
16	0.0		0.131		322.168			0.085		319.966			0.006		318.786			0.025		318.035	16																
17			0.043		322.125			0.085		319.881			0.006		318.780			0.011		317.984	17																
18			0.043		322.082																																

Table C-35

LOWRIS CANAL COMPANY

DAY	OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						
17																						
18																						
19																						
20																						
21																						
22																						
23																						
24																						
25																						
26																						
27																						
28																						
29																						
30																						
31																						
TOTAL	35.7		0.335			107.2		0.764			0.637							0.947				TOTAL
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY	
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						
17																						
18																						
19																						
20																						
21																						
22																						
23																						
24																						
25																						
26																						
27																						
28																						
29																						
30																						
31																						
TOTAL	36.6		0.836			2.9		1.537			39.4		3.493					110.9		6.410		TOTAL
DAY	JUNE 1976					JULY 1976					OCTOBER 1976					NOVEMBER 1976					DAY	
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						
17																						
18																						
19																						
20																						
21																						
22																						
23																						
24																						
25																						
26																						
27																						
28																						
29																						
30																						
31																						
TOTAL	39.6	236.6	9.515			416.9	2.586			11.9		0.145							0.117			TOTAL

Table C-35 (Cont'd)

LONG CANAL COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																
DECEMBER 1976																						JANUARY 1977					FEBRUARY 1977					MARCH 1977					DAY
1			0.004		11.634	0.0		0.002		11.520	0.0		0.004		27.024	6.2		0.024		94.544	1																
2			0.004		11.630	1.2		0.004		12.716	3.7		0.005		30.719	9.9		0.039		104.405	2																
3			0.004		11.626	9.4		0.004		22.112	6.0		0.011		36.708	9.9		0.043		114.262	3																
4			0.004		11.618	0.2	0.0	0.004		22.308	6.0		0.013		42.695	9.9		0.046		124.116	4																
5			0.004			0.0	0.5	0.004		21.804	6.0		0.015		48.680	9.9		0.049		133.967	5																
6			0.004		11.614		1.0	0.003		20.801	6.0		0.008		54.672	9.9	0.0	0.028		143.779	6																
7			0.004		11.610		1.5	0.003		19.298	6.0		0.018		60.654	0.0	2.5	0.069		141.210	7																
8			0.004		11.606		0.0	0.003		19.295	6.0		0.020		66.636		9.9	0.048		131.262	8																
9			0.002		11.604		0.0	0.003		19.292	6.0		0.011		72.623		6.2	0.015		125.047	9																
10			0.004		11.600		1.2	0.0		19.292	6.0		0.023		78.606		4.0	0.043		121.004	10																
11			0.004		11.596		0.0	0.003		19.289	6.0		0.025		84.575		9.9	0.042		116.962	11																
12			0.004		11.592		0.0	0.003		19.286	6.0		0.026		90.549		4.0	0.040		112.922	12																
13			0.004		11.588		1.2	0.003		19.283	6.0		0.028		96.521		4.0	0.028		108.884	13																
14			0.004		11.584		0.0	0.0		19.283	6.0	0.0	0.044		102.477		6.4	0.036		104.848	14																
15			0.004		11.580		0.0	0.0		19.283	0.0	8.9	0.040		93.537		7.9	0.033		94.515	15																
16			0.006		11.574		0.0	0.003		19.280		6.7	0.037		86.800		7.9	0.010		86.605	16																
17			0.006		11.568		0.0	0.003		19.277		0.0	0.037		86.763		7.9	0.027		78.678	17																
18			0.004		11.564		0.0	0.003		19.274		0.0	0.049		86.714		7.9	0.016		70.768	18																
19			0.004		11.560		1.2	0.003		20.472		0.0	0.048		86.665		7.9	0.021		62.841	19																
20			0.004		11.556		0.7	0.003		21.168		0.0	0.024		86.642		7.9	0.021		54.923	20																
21			0.002		11.554		1.2	0.004		22.364		0.0	0.0		86.642		7.9	0.021		47.002	21																
22			0.004		11.550		2.0	0.004		24.360		1.2	0.024		87.018		7.9	0.021		39.081	22																
23			0.002		11.548		0.0	0.004		23.856		0.7	0.012		88.906		7.9	0.014		31.167	23																
24			0.004		11.544		1.7	0.004		25.552		0.0	0.012		88.494		7.9	0.008		23.259	24																
25			0.004		11.540		1.5	0.0		27.052		0.0	0.035		88.459		7.9	0.002		15.357	25																
26			0.002		11.538		0.0	0.004		27.048		0.0	0.034		88.425		7.9	0.003		7.454	26																
27			0.004		11.534		0.0	0.004		27.044		0.0	0.034		88.402		7.454			0.0		27															
28			0.004		11.530		0.0	0.004		27.040		0.0	0.034		88.368							28															
29			0.004		11.526		0.0	0.004		27.036		0.0										29															
30			0.002		11.524		0.0	0.004		27.032		0.0										30															
31			0.002		11.522		0.0	0.004		27.028		0.0										31															
TOTAL			0.116			19.1	3.5	0.094			77.6	15.6	0.660			55.7	143.254	0.814			TOTAL																
APRIL 1977																						MAY 1977					JUNE 1977					JULY 1977					DAY
1	0.0							0.020		52.825		2.5	0.052		81.447		23.8	0.096		153.162	1																
2	4.0		0.002		3.998			0.019		52.805		4.0	0.040		77.407		23.8	0.092		129.270	2																
3	4.0		0.004		7.994			0.026		52.780		4.0	0.043		73.364		23.8	0.072		105.398	3																
4	4.0		0.007		11.987			0.025		52.755		4.0	0.042		69.322		23.8	0.051		81.517	4																
5	4.0		0.010		15.977			0.022		52.733		0.0	0.032		65.290		23.8	0.036		57.714	5																
6	4.0		0.014		19.963			0.019		52.714	13.4	0.0	0.041		78.649		23.8	0.023		13.888	6																
7	4.0		0.016		23.947			0.012		52.702	23.8		0.064		102.385		23.8	0.028		10.080	7																
8	4.0		0.013		27.934			0.006		52.696	23.8		0.050		126.135		10.080			0.0	0.0	8															
9	4.0		0.009		31.925			0.006		52.690	23.8		0.016		149.919							9															
10	4.0		0.016		35.909			0.012		52.678	23.8		0.048		173.671							10															
11	4.0		0.021		39.888	0.0		0.009		52.669	23.8		0.082		197.399							11															
12	4.0		0.027		43.861	2.5		0.012		52.657	23.8		0.098		221.091							12															
13	4.0		0.025		47.836	4.0		0.007		52.650	23.8		0.108		244.783							13															
14	4.0		0.030		51.806	4.0		0.017		63.133	16.4		0.115		261.068							14															
15	1.5		0.035		53.271	4.0		0.033		67.100	4.5		0.134		265.434							15															
16	0.0		0.030		53.241	4.0		0.026		71.074	0.0		0.125		265.309							16															
17	0.0		0.029		53.212	4.0		0.039		75.035			0.142		265.167							17															
18	4.0		0.032		53.180	4.0		0.029		79.006			0.124		265.043							18															
19	4.0		0.035		53.145	4.0		0.039		82.967			0.124		264.919							19															
20	4.0		0.039		53.106	1.5		0.043		84.424			0.107		264.812							20															
21	0.0		0.034		53.072	0.0		0.046		84.378			0.143		264.669							21															
22	0.0		0.030		53.045	0.0		0.033		84.345			0.170		264.499							22															
23	0.0		0.037		53.005	0.0		0.020		84.325			0.173		264.388							23															
24	0.0		0.025		52.980	0.0		0.024		84.301			0.154		264.174							24															
25	0.0		0.029		52.951	0.0		0.035		84.266			0.155		264.019							25															
26	0.0		0.021		52.930	0.0		0.035		84.231		0.0	0.165		263.854							26															
27	0.0		0.026		52.906	0.0		0.038		84.193		14.9	0.166		263.788							27															
28	0.0		0.027		52.879	0.0		0.041		84.152		23.8	0.119		224.869							28															
29	0.0		0.024		52.855	0.0		0.051		84.101		23.8	0.101		200.968							29															
30	0.0		0.010		52.845	0.0		0.050		84.051		23.8	0.110		177.058							30															
31						0.052		0.052		83.999												31															
TOTAL	53.5		0.655			32.0		0.846			200.9	104.8	3.041			176.600	0.378				TOTAL																
OCTOBER 1977																						NOVEMBER 1977					DECEMBER 1977					JUNE 1978					DAY
1								0.385		845.224			0.170		836.247						1																
2								0.577		844.647			0.169		836.078							2															
3								0.189		844.070			0.169		835.909							3															
4								0.191		843.881			0.168		835.741							4															
5										843.690			0.167		835.574							5															
6								0.384		843.306			0.167		835.407							6															
7								0.376		842.930			0.166		835.241							7															
8								0.374		842.556			0.165		835.076							8															
9								0.372		842.184			0.165		834.911							9															
10								0.371		841.813			0.164		834.747							10															
11								0.555		841.258			0.328		834.419							11															
12								0.368		840.890			0.0		834.419																						

Table C-35 (Cont'd)

LOWE'S CANAL COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
JULY 1978																						AUGUST 1978																						SEPTEMBER 1978																						FEBRUARY 1979																					
1	4.5		0.240		718.844	0.0	0.394			709.382		9.9		0.658		684.473					1																																																																		
2	0.0		0.227		718.617		0.428			708.974		15.9		0.797		667.776					2																																																																		
3			0.248		718.369		0.428			708.550		15.9		0.638		651.238					3																																																																		
4			0.287		718.122		0.307			708.243		15.9		0.0		635.336					4																																																																		
5			0.246		717.876		0.459			707.784		15.9		0.0		619.438					5																																																																		
6			0.268		717.628		0.602			707.382		15.9		0.220		603.318					6																																																																		
7			0.291		717.371		0.499			706.983		139.0		0.820		464.116					7																																																																		
8			0.291		717.026		0.387			706.596		147.4		0.164		316.558					8																																																																		
9			0.325		716.701		0.433			706.203		137.7		0.052		178.760					9																																																																		
10			0.315		716.386		0.484			705.819		112.6		0.056		60.134					10																																																																		
11			0.264		716.122		0.406			704.973		41.7		0.008		18.426					11																																																																		
12			0.252		715.870		0.432			704.539		0.0		0.030		24.346					12																																																																		
13			0.204		715.566		0.462			704.077				0.008		18.408					13																																																																		
14			0.284		715.282		0.461			703.616				0.008		18.400					14																																																																		
15			0.287		714.995		0.531			703.085				0.011		18.399					15																																																																		
16			0.302		714.693		0.456			702.629				0.013		18.376					16																																																																		
17			0.329		714.364		0.472			702.057				0.011		18.365					17																																																																		
18			0.347		714.017		0.573			701.382				0.010		18.310					18																																																																		
19			0.363		713.699		0.569			701.060				0.010		18.345	0.0			0.0	19																																																																		
20			0.363		713.336		0.569			700.511				0.011		18.334	3.7	0.0		3.700	20																																																																		
21			0.307		713.089		0.492			700.019				0.011		18.323	2.2	0.001		5.899	21																																																																		
22			0.327		712.702		0.463			699.556				0.013		18.310	0.0	0.001		5.893	22																																																																		
23			0.388		712.314		0.433			699.123				0.013		18.297	0.0	0.001		5.897	23																																																																		
24			0.343		711.971		0.401			698.722				0.011		18.286	0.0	0.001		5.896	24																																																																		
25			0.197		711.774		0.481			698.241				0.013		18.273	3.7	0.002		9.594	25																																																																		
26			0.302		711.472		0.434			697.807				0.012		18.261	6.0	0.002		15.992	26																																																																		
27			0.325		711.147		0.511			697.486				0.011		18.250	2.2	0.001		17.789	27																																																																		
28			0.304		710.811		0.538			696.798				0.010		18.240	0.0	0.001		17.786	28																																																																		
29			0.314		710.497		0.576			696.182				0.012		18.228					29																																																																		
30			0.355		710.142		0.549			695.633				0.014		18.214					30																																																																		
31			0.366		709.776		0.602			695.031											31																																																																		
TOTAL	4.5		9.308				14.745					673.8	3.017				17.8	0.014			TOTAL																																																																		
MARCH 1979																						APRIL 1979																						MAY 1979																						JUNE 1979																					
1			0.003		17.783	20.8	0.006			72.155	9.9		0.098		453.600	0.0		0.354		790.613	1																																																																		
2			0.003		17.780	25.0	0.023			97.132	15.9		0.100		469.400	0.0		0.443		790.290	2																																																																		
3			0.005		17.775	25.8	0.029			122.903	15.9		0.132		485.168	2.5		0.310		790.460	3																																																																		
4			0.002		17.770	24.6	0.039			147.464	15.9		0.149		500.919	4.0		0.276		786.204	4																																																																		
5			0.004		17.766	23.8	0.044			171.220	15.9		0.147		516.672	4.0		0.298		799.906	5																																																																		
6			0.004		17.762	23.8	0.025			194.995	15.9		0.135		532.437	4.0		0.322		803.574	6																																																																		
7			0.006		17.756	23.8	0.040			218.755	15.9		0.084		548.293	4.0		0.279		807.295	7																																																																		
8			0.005		17.751	23.8	0.059			242.466	15.9		0.064		564.089	4.0		0.449		810.946	8																																																																		
9			0.005		17.746	23.8	0.047			266.249	15.9		0.142		579.847	4.0		0.352		814.594	9																																																																		
10			0.005		17.741	23.8	0.054			289.995	15.9		0.178		595.569	1.5		0.377		815.717	10																																																																		
11			0.003		17.738	25.0	0.054			314.941	15.9		0.205		611.264	0.0		0.425		815.292	11																																																																		
12			0.004		17.734	25.8	0.098			340.683	15.9		0.295		626.909	0.346		0.346		814.946	12																																																																		
13			0.004		17.730	24.6	0.082			365.201	15.9		0.280		642.599	0.292		0.292		814.654	13																																																																		
14			0.002		17.728	21.3	0.107			386.394	15.9		0.294		658.135	0.272		0.272		814.382	14																																																																		
15			0.003		17.725	18.6	0.120			404.874	15.9		0.247		673.788	0.265		0.265		814.117	15																																																																		
16			0.002		17.723	17.9	0.112			422.662	10.9		0.211		684.477	0.280		0.280		813.837	16																																																																		
17			0.001		17.722	6.7	0.078			429.284	7.9		0.244		692.133	0.222		0.222		813.615	17																																																																		
18	0.0		0.004		17.718	3.7	0.090			432.894	7.9		0.229		699.804	0.287		0.287		813.328	18																																																																		
19	3.7		0.004		17.717	2.2	0.101			434.973	20.3		0.241		719.863	0.291		0.291		813.077	19																																																																		
20	2.2		0.005		17.712	0.0	0.111			434.882	27.8		0.243		747.420	0.297		0.297		812.780	20																																																																		
21			0.003		17.709	0.0	0.110			434.772	27.8		0.186		775.034	0.323		0.323		812.417	21																																																																		
22			0.003		17.706	0.0	0.110			434.662	27.8		0.189		785.249	0.275		0.275		812.142	22																																																																		
23			0.006		17.700	0.0	0.108			434.554	0.0		0.193		785.056	0.292		0.292		811.850	23																																																																		
24			0.005		17.695	1.2	0.108			435.646	0.0		0.258		784.798	0.315		0.315		811.515	24																																																																		
25			0.006		17.689	4.5	0.087			440.059	5.0		0.269		789.529	0.325		0.325		811.190	25																																																																		
26			0.003		17.686	3.5	0.064			443.495	3.0		0.290		792.239	0.287		0.287		810.903	26																																																																		
27	0.0		0.005		17.681	0.7	0.084			444.111	0.0		0.242		791.997	0.318		0.318		810.585	27																																																																		
28	3.7		0.004		17.679	0.0	0.091			443.018	0.0		0.219		791.778	0.322		0.322		810.263	28																																																																		
29	2.1		0.004		17.675	0.0	0.121			443.897	0.0		0.241		791.537	0.297		0.297		809.966	29																																																																		
30	7.4		0.003		17.672	0.0	0.099			443.798	0.0		0.275		791.262	0.316		0.316		809.650	30																																																																		
31	14.4		0.009		17.663	0.0	0.099			443.798	0.0		0.275		790.997					809.650	31																																																																		
TOTAL	33.7		0.123			394.7	2.265				351.5	6.331				28.0	9.337				TOTAL																																																																		
JULY 1979																						AUGUST 1979																						SEPTEMBER 1979																						OCTOBER 1979																					
1			0.364		809.286		0.840			794.346	23.8		0.360		401.855						1																																																																		
2			0.325		808.961		0.859			793.487	23.8		0.421		377.634						2																																																																		
3			0.300		808.661		0.763			792.784	23.8		0.315		353.519						3																																																																		
4			0.305		808.396		0.769			791.995	23.8		0.292		329.427						4																																																																		
5			0.296		808.060		0.854			791.101	23.8		0.338		305.289						5																																																																		
6			0.334		807.726		0.795			790.305	23.8		0.311		281.178						6																																																																		
7			0.357		807.369		0.931			789.314	23.8		0.283		257.095						7																																																																		
8			0.399		806.970		1.000			788.314	23.8		0.205		233.090						8																																																																		
9			0.477		806.493		0.877			787.437	23.8		0.230		209.060						9																																																																		
10			0.042		806.451		0.822			786.615	23.8		0.204		185.056						10																																																																		
11			0.343																																																																																				

Table C-35 (Cont'd)

LOWES CANAL COMPANY

DAY	NOVEMBER 1979					DECEMBER 1979					JANUARY 1980					FEBRUARY 1980					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1	2.7		0.040		84.137			0.038		143.392			0.017		142.906			0.008		142.977	1	
2	2.0		0.040		86.095			0.057		143.335			0.034		142.472			0.015		142.182	2	
3	3.2		0.041		89.254			0.057		143.278			0.017		142.455			0.008		142.178	3	
4	6.4		0.029		95.625			0.057		143.221			0.018		142.437			0.006		142.174	4	
5	6.7		0.045		102.280			0.038		143.163			0.0		142.417			0.008		142.166	5	
6	6.0		0.047		108.233			0.038		143.145			0.018		142.419			0.004		142.162	6	
7	4.7		0.049		112.884			0.038		143.107			0.019		142.400			0.013		142.149	7	
8	5.2		0.050		118.034			0.057		143.050			0.019		142.381			0.023		142.138	8	
9	4.7		0.034		122.700			0.038		143.012			0.0		142.361			0.021		142.103	9	
10	4.0		0.035		126.665			0.019		142.993			0.017		142.364			0.021		142.079	10	
11	4.0		0.036		130.629			0.0		142.993			0.014		142.350			0.030		142.049	11	
12	4.0		0.055		134.574			0.019		142.974			0.0		142.350			0.026		142.023	12	
13	4.0		0.056		138.518			0.038		142.936			0.003		142.347			0.006		142.017	13	
14	4.0		0.038		142.460			0.019		142.917			0.003		142.339			0.006		142.013	14	
15	1.5		0.078		143.900			0.019		142.898			0.003		142.335			0.012		141.999	15	
16	0.0		0.098		143.844			0.038		142.860			0.003		142.333			0.011		141.996	16	
17			0.039		143.825			0.038		142.822			0.003		142.310			0.012		141.974	17	
18			0.019		143.806			0.076		142.746			0.006		142.324			0.015		141.959	18	
19			0.019		143.787			0.038		142.708			0.009		142.315			0.051		141.906	19	
20			0.038		143.749			0.038		142.670			0.009		142.306			0.012		141.896	20	
21			0.037		143.712			0.0		142.670			0.009		142.297			0.021		141.875	21	
22			0.019		143.693			0.019		142.651			0.006		142.291			0.018		141.877	22	
23			0.038		143.655			0.019		142.632			0.009		142.282			0.013		141.859	23	
24			0.019		143.636			0.019		142.613			0.010		142.272			0.016		141.829	24	
25			0.037		143.599			0.018		142.595			0.003		142.269			0.026		141.801	25	
26			0.037		143.562			0.0		142.595			0.007		142.262			0.027		141.776	26	
27			0.019		143.543			0.018		142.577			0.010		142.252			0.021		141.755	27	
28			0.037		143.506			0.018		142.559			0.014		142.238			0.025		141.730	28	
29			0.038		143.468			0.018		142.541			0.004		142.234			0.018		141.712	29	
30			0.038		143.430			0.018		142.523			0.018		142.216			0.011		141.700	30	
31								0.018		142.523			0.011		142.205						141.688	31
TOTAL	69.1		1.245					0.907					0.318					0.493			TOTAL	
DAY	MARCH 1980					APRIL 1980					MAY 1980					JUNE 1980					DAY	
1			0.008		141.704			0.036		140.999			0.019		139.977			0.042		140.793	1	
2			0.011		141.693			0.036		140.963			0.048		139.969			0.051		140.752	2	
3			0.008		141.685			0.037		140.926			0.040		139.889			0.041		140.711	3	
4			0.016		141.669			0.014		140.912			0.057		139.832			0.042		138.669	4	
5			0.008		141.661			0.005		140.907			0.049		139.785			0.041		140.628	5	
6			0.008		141.653			0.032		140.875			0.041		139.742			0.038		140.590	6	
7			0.023		141.630			0.027		140.848			0.040		139.702			0.044		140.546	7	
8			0.027		141.603			0.036		140.812			0.046		139.656			0.046		140.500	8	
9			0.027		141.576			0.041		140.771			0.007		139.649			0.047		140.453	9	
10			0.011		141.565			0.036		140.735			0.026		139.623			0.047		140.406	10	
11			0.019		141.546			0.045		140.690			0.026		139.597			0.046		140.360	11	
12			0.015		141.531			0.054		140.636			0.029		139.568			0.038		140.322	12	
13			0.019		141.512			0.053		140.593			0.030		139.539			0.040		140.282	13	
14			0.019		141.493			0.040		140.543			0.023		139.515			0.046		140.236	14	
15			0.019		141.474			0.039		140.504			0.040		139.475			0.052		140.184	15	
16			0.027		141.447			0.052		140.452			0.043		139.432			0.050		140.134	16	
17			0.019		141.428			0.056		140.396			0.055		139.377			0.050		140.084	17	
18			0.015		141.413			0.047		140.349			0.063		139.314			0.048		140.036	18	
19			0.027		141.386			0.051		140.298			0.068		139.246			0.051		137.995	19	
20			0.034		141.352			0.034		140.264			0.060		139.186			0.040		137.945	20	
21			0.015		141.337			0.039		140.225			0.041		139.415			0.042		137.899	21	
22			0.031		141.306			0.022		140.203			0.037		139.405			0.042	+629.1	137.850	22	
23			0.036		141.270			0.018		140.185			0.028		139.380			0.232		756.768	23	
24			0.040		141.230			0.026		140.159			0.022		139.058			0.232		756.536	24	
25			0.004		141.226			0.034		140.125			0.038		139.020			0.231	+0.7	767.000	25	
26			0.017		141.209			0.038		140.087			0.037		138.983					767.000	26	
27			0.026		141.183			0.041		140.046			0.036		138.947					767.000	27	
28			0.030		141.153			0.020		140.026			0.020		138.927					767.000	28	
29			0.019		141.114			0.020		140.022			0.025		138.920					767.000	29	
30			0.044		141.070			0.026		139.996			0.034		138.868					767.000	30	
31			0.035		141.035								0.033		138.835					767.000	31	
TOTAL			0.677					1.039					1.161					1.673	+629.6		TOTAL	
DAY	JULY 1980					AUGUST 1980					SEPTEMBER 1980					FOOTNOTES					DAY	
1					767.000			0.459		827.253			9.9	0.600	862.127					a 479.511 acre-feet transferred from Fisher Ranch and 356.058 acre-feet transferred from Hanna Ranch.	1	
2					767.000			0.483		826.770			15.9	0.613	849.614						2	
3					767.000			0.459		826.311			15.9	0.625	829.089						3	
4					767.000			0.419		825.892			15.9	0.631	812.508						b Released because Terminus Reservoir above allowable storage.	4
5					767.000			0.429		825.463			15.9	0.609	795.999						c Storage adjusted to maximum allowable.	5
6	5.0		0.269		771.731			0.439		825.024			15.9	0.669	779.430							6
7	7.9		0.273		779.398			0.433		824.591			15.9	0.507	763.023							7
8	3.0		0.275		782.283			0.445		824.146			15.9	0.524	746.599							8
9			0.255		781.828			0.491		823.655			15.9	0.486	730.213							9
10			0.267		781.561			0.500		823.155			15.9	0.546	713.767							10
11			0.291		781.270			0.493		822.662			15.9	0.519	697.348							11
12			0.270		781.000			0.485		822.177			15.9	0.501	680.947							12
13			0.389		780.671		0.0	0.479		821.698			18.4	0.541	662.006							13
14			0.30																			

Table C-36 (Cont'd)

SENTINEL BUTTE MUTUAL WATER COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
SEPTEMBER 1978																						FEBRUARY 1979																						MARCH 1979																						APRIL 1979																					
1			0.170		176,825								0.003		18,478	5.2		0.010		99,384	1																																																																		
2			0.211		176,614								0.004		19,974	6.0		0.025		109,959	2																																																																		
3	0.0		0.173		176,441								0.005		19,959	4.7		0.005		110,051	3																																																																		
4	2.5		0.0		178,941								0.005		19,964	5.2		0.030		115,203	4																																																																		
5	4.0		0.0		182,941								0.005		19,959	6.0		0.032		121,171	5																																																																		
6	4.0		0.068		186,873								0.005		19,954	6.0		0.016		127,155	6																																																																		
7	4.0		0.083		190,790								0.007		22,447	6.0		0.025		133,130	7																																																																		
8	4.0		0.101		194,689								0.008		26,439	6.0		0.034		139,096	8																																																																		
9	1.5		0.101		196,088								0.009		30,430	6.0		0.025		145,070	9																																																																		
10	0.0		0.085		196,003								0.009		34,421	6.0		0.030		151,040	10																																																																		
11			0.085		195,918								0.007		38,414	6.0		0.027		157,013	11																																																																		
12			0.103		195,815								0.011		42,403	4.7		0.028		161,685	12																																																																		
13			0.087		195,728								0.012		46,391	5.2		0.038		166,847	13																																																																		
14			0.066		195,642								0.008		50,385	6.0		0.048		172,799	14																																																																		
15			0.120		195,522								0.009		54,376	6.0		0.053		178,746	15																																																																		
16			0.137		195,385								0.006		58,370	6.0		0.049		184,697	16																																																																		
17			0.119		195,266								0.003		62,367	6.0		0.075		190,662	17																																																																		
18			0.103		195,163								0.014		66,353	6.0		0.041		196,621	18																																																																		
19			0.102		195,061	0.0				0.0			0.004		70,349	6.0		0.047		202,574	19																																																																		
20			0.100		194,941	2.5		0.0		2,500			0.014		71,835	6.0		0.053		208,521	20																																																																		
21			0.120		194,821	4.0		0.001		6,499			0.010		71,825	6.0		0.054		214,467	21																																																																		
22			0.138		194,683	4.0		0.001		10,498			0.019		71,815	5.9		0.056		220,311	22																																																																		
23			0.139		194,544	4.0		0.003		14,495			0.017		71,798	6.0		0.056		226,255	23																																																																		
24			0.122		194,422	1.5		0.003		15,982			0.016		71,782	6.0		0.058		232,197	24																																																																		
25			0.140		194,282	0.0		0.003		15,989		0.0	0.019		71,763	6.0		0.047		238,130	25																																																																		
26			0.124		194,158			0.008		15,987	2.5		0.010		74,253	6.0		0.035		244,115	26																																																																		
27			0.117		194,041			0.003		15,984	4.0		0.016		78,237	6.0		0.048		250,067	27																																																																		
28			0.109		193,928			0.003		15,981	4.0		0.016		82,231	6.0		0.054		256,013	28																																																																		
29			0.129		193,803						4.0		0.013		86,218	6.0		0.071		261,942	29																																																																		
30			0.149		193,654						4.0		0.007		90,211	6.0		0.059		267,883	30																																																																		
31											4.0		0.017		94,194						273,811	31																																																																	
TOTAL	20.0		3.341			16.0		0.019			78.5		0.287			174.9		1.211			TOTAL																																																																		
MAY 1979																						JUNE 1979																						JULY 1979																						AUGUST 1979																					
1	6.0		0.059		273,824	6.0		0.197		440,314	2.2		0.275		610,438			0.635		600,773	1																																																																		
2	6.0		0.060		279,764	6.0		0.194		446,120	1.2		0.246		611,392			0.649		600,124	2																																																																		
3	6.0		0.078		285,686	6.0		0.177		451,943	0.7		0.227		611,865			0.577		598,347	3																																																																		
4	6.0		0.087		291,599	6.0		0.159		457,764	0.0		0.221		611,644			0.582		598,965	4																																																																		
5	6.0		0.085		297,514	6.0		0.173		463,611			0.224		611,420			0.646		598,319	5																																																																		
6	6.0		0.077		303,437	6.0		0.194		469,417			0.253		611,167			0.662		597,717	6																																																																		
7	6.0		0.047		309,390	6.0		0.164		475,253			0.270		610,897			0.750	-597.0	0.0	597,067	7																																																																	
8	6.0		0.036		315,354	6.0		0.207		481,046			0.302		610,595			0.0			596,319	8																																																																	
9	6.0		0.078		321,276	6.0		0.210		486,836			0.361		610,234						595,570	9																																																																	
10	6.0		0.098		327,178	6.0		0.228		492,608			0.305		609,929						594,821	10																																																																	
11	6.0		0.112		333,066	6.0		0.260		498,348			0.259		609,670						594,072	11																																																																	
12	6.0		0.138		338,928	6.0		0.176		504,172			0.309		609,361						593,323	12																																																																	
13	6.0		0.150		344,778	6.0		0.183		509,989			0.347		609,014						592,574	13																																																																	
14	6.0		0.156		350,622	6.0		0.172		515,817			0.358		608,656						591,825	14																																																																	
15	6.0		0.131		356,491	6.0		0.170		521,647			0.400		608,296						591,076	15																																																																	
16	6.0		0.112		362,379	6.0		0.182		527,465			0.446		607,810						590,327	16																																																																	
17	6.0		0.130		368,249	6.0		0.146		533,319			0.397		607,413						589,578	17																																																																	
18	6.0		0.122		374,127	6.0		0.190		539,129			0.374		607,018						588,829	18																																																																	
19	6.0		0.127		380,000	6.0		0.195		544,934			0.448		606,570						588,080	19																																																																	
20	6.0		0.125		385,875	6.0		0.203		550,733			0.243		606,327						587,331	20																																																																	
21	6.0		0.094		391,781	6.0		0.222		556,531			0.274		606,053						586,582	21																																																																	
22	6.0		0.091		387,690	6.0		0.191		562,320			0.390		605,653						585,833	22																																																																	
23	6.0		0.095		383,599	6.0		0.204		568,116			0.366		605,297						585,084	23																																																																	
24	6.0		0.129		393,466	6.0		0.237		573,919			0.455		604,842						584,335	24																																																																	
25	6.0		0.136		399,330	6.0		0.232		579,647			0.457		604,385						583,586	25																																																																	
26	6.0		0.148		405,182	6.0		0.207		585,440			0.458		603,927						582,837	26																																																																	
27	6.0		0.126		411,056	6.0		0.232		591,208			0.405		603,522						582,088	27																																																																	
28	6.0		0.116		416,940	6.0		0.237		596,971			0.459		603,063						581,339	28																																																																	
29	6.0		0.129		422,811	6.0		0.221		602,750			0.548		602,604						580,590	29																																																																	
30	6.0		0.149		428,662	6.0		0.237		608,513			0.518		601,997						579,841	30																																																																	
31	6.0		0.151		434,511	6.0							0.589		601,408						579,092	31																																																																	
TOTAL	174.0	4.0	3.372			180.0		5.998			4.1		11.205					4.441	-597.0		TOTAL																																																																		
JUNE 1980																						JULY 1980																						AUGUST 1980																						FOOTNOTES																					
1										240,000	5.9		0.218		393,201						a Released for diversion by Paul Dobson	1																																																																	
2										240,000	5.9		0.233		398,868						Ranch on St. Johns River.	2																																																																	
3										240,000	5.9		0.225		404,543						b Released because Terminus Reservoir above	3																																																																	
4										240,000	5.9		0.206		410,235						allowable storage.	4																																																																	
5						0.0		0.0		240,000	5.9		0.216		415,919						c Transferred to Pullare Irrigation District.	5																																																																	
6																					d Storage adjusted to maximum allowable.	6																																																																	
7						3.7		0.085		243,615	5.9		0.224		421,595							7																																																																	
8						5.9		0.087		249,428	5.9		0.224		427,271							8																																																																	
9						5.9		0.090		255,238	5.9		0.234		432,957							9																																																																	
10						5.9		0.085		261,053	5.9		0.262		438,575							10																																																																	
11						5.9		0.091		266,862	2.2		0.268		444,207							11																																																																	
12						5.9		0.101		272,661			0.264		440,243																																																																								

Table C-37

WHEATLEY DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
APRIL 1976																					
1						9.2		0.010		25.968					170.472						1
2						9.9		0.014		35.894					170.407						2
3						9.9		0.019		45.735					170.337						3
4						9.9		0.023		55.612					170.258						4
5						9.9		0.028		65.491					170.184						5
6						6.2		0.080		71.671					170.115						6
7						1.5		0.029		73.142					170.055						7
8						0.0		0.096		73.106					170.004						8
9						6.2		0.039		79.267					169.947						9
10						9.9		0.040		89.127					169.918						10
11						9.9		0.039		98.988					169.899						11
12						9.9		0.065		108.823					169.785						12
13						9.9		0.077		118.646					137.432						13
14						9.9		0.077		128.469					137.431						14
15						9.9		0.072		138.297					116.852						15
16						9.9		0.075		148.122					95.921						16
17						9.9		0.074		157.946					79.149						17
18						9.9		0.067		167.781					54.913						18
19						3.7		0.068		171.413					35.094						19
20						0.0		0.067		171.346					15.285						20
21								0.072		171.274					0.0						21
22								0.061		171.213											22
23								0.070		171.143											23
24	1.2				1.200			0.065		171.078											24
25	3.2		0.002		4.398			0.074		171.004											25
26	1.5		0.003		5.895			0.068		170.916											26
27	0.0		0.003		5.892			0.097		170.819											27
28	0.0		0.003		5.889			0.072		170.747											28
29	3.7		0.004		9.285			0.072		170.675											29
30	7.2		0.007		16.778			0.062		170.613											30
31								0.065		170.547											31
TOTAL	16.6		0.022			155.5		1.731			169.385		1.162			12.1		0.009			TOTAL
MAY 1976																					
MAY 1977																					
JUNE 1976																					
MAY 1977																					
JUNE 1978																					
JULY 1978																					
TOTAL																					
JUNE 1977																					
DECEMBER 1977																					
JUNE 1978																					
JULY 1978																					
TOTAL																					
AUGUST 1978																					
JANUARY 1979																					
MARCH 1979																					
APRIL 1979																					
TOTAL																					

Table C-37 (Cont'd)

SWEENEY DITCH COMPANY

DAY	MAY 1979					JUNE 1979					JULY 1979					AUGUST 1979					DAY		
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE			
1	3.2		0.036		165.703	3.2		0.118		262.816	1.2		0.159		353.240				0.367		347.154	1	
2	3.2		0.036		168.867	3.2		0.115		265.901	0.4		0.142		353.498				0.375		346.779	2	
3	3.2		0.047		172.020	3.2		0.105		268.996	0.2		0.131		353.567				0.334		346.445	3	
4	3.2		0.052		175.168	3.2		0.094		272.102	0.0		0.113		353.474				0.336		346.109	4	
5	3.2		0.051		178.317	3.2		0.103		275.199			0.129		353.305				0.373		345.736	5	
6	3.2		0.046		181.471	3.2		0.115		278.284			0.146		353.159				0.348		345.888	6	
7	3.2		0.028		184.643	3.2		0.097		281.387			0.156		353.003				0.433	-345.0	0.0	7	
8	3.2		0.021		187.822	3.2		0.122		284.465			0.174		352.829							8	
9	3.2		0.047		190.975	3.2		0.124		287.541			0.209		352.620							9	
10	3.2		0.058		194.117	3.2		0.134		290.607			0.176		352.444							10	
11	3.2		0.066		197.251	3.2		0.153		293.654			0.150		352.294							11	
12	3.2		0.081		200.370	3.2		0.126		296.728			0.179		352.115							12	
13	3.2		0.089		203.481	3.2		0.107		299.821			0.200		351.915							13	
14	3.2		0.095		206.589	3.2		0.101		302.900			0.207		351.708							14	
15	3.2		0.077		209.712	3.2		0.099		306.021			0.231		351.477							15	
16	3.2		0.066		212.846	3.2		0.106		309.115			0.258		351.219							16	
17	3.2		0.075		215.970	3.2		0.085		312.230			0.229		350.990							17	
18	3.2		0.072		219.098	3.2		0.111		315.319			0.228		350.762							18	
19	3.2		0.074		222.224	3.2		0.114		318.405			0.259		350.503							19	
20	3.2		0.073		225.351	3.2		0.117		321.488			0.141		350.362							20	
21	3.2		0.055		228.496	3.2		0.129		324.599			0.158		350.204							21	
22	3.2		0.054		231.642	3.2		0.111		327.648			0.225		349.979							22	
23	3.2		0.058		234.784	3.2		0.119		330.729			0.212		349.767							23	
24	3.2		0.078		237.906	3.2		0.138		333.791			0.263		349.504							24	
25	3.2		0.082		241.024	3.2		0.135		336.856			0.264		349.240							25	
26	3.2		0.089		244.135	3.2		0.120		339.936			0.265		348.975							26	
27	3.2		0.076		247.259	3.2		0.135		343.001			0.234		348.741							27	
28	3.2		0.069		250.390	3.2		0.137		346.064			0.265		348.476							28	
29	3.2		0.077		253.513	3.2		0.138		349.136			0.316		348.160							29	
30	3.2		0.089		256.624	3.2		0.137		352.199			0.299		347.861							30	
31	3.2		0.090		259.734	3.2							0.340		347.521							31	
TOTAL	99.2		2.005			96.0		3.535			1.8		6.478						2.566	-345.0 ^c		TOTAL	
DAY	JUNE 1980					JULY 1980					AUGUST 1980					SEPTEMBER 1980					DAY		
1										383.000	3.2				202.404				0.157		225.332	1	
2										383.000	3.2				205.484				0.163		225.169	2	
3										383.000	3.2				208.568				0.170	-225.0	0.0	3	
4										383.000	3.2				211.661				0.0			4	
5										383.000	3.2				214.749							5	
6						6.2		0.135		389.065	3.2			0.116		217.833							6
7						9.9		0.140		398.225	3.2			0.116		220.917							7
8						9.9		0.144		408.581	3.2			0.121		223.996							8
9						9.9		0.136		418.345	3.2			0.135		227.061							9
10						9.9		0.146		428.099	1.2			0.139		228.122							10
11						9.9		0.163		437.836	0.0			0.137		227.985							11
12						9.9		0.155		447.581				0.134		227.851							12
13						9.9		0.193		457.288				0.133		227.718							13
14						9.9		0.185		467.003				0.107		227.611							14
15						9.9		0.211		476.692				0.092		227.519							15
16						9.9		0.233		486.359				0.107		227.412							16
17						9.9		0.202		496.057				0.116		227.296							17
18						9.9		0.208		505.749				0.112		227.184							18
19						9.9		0.215		515.434				0.094		227.090							19
20						9.9		0.263		525.071				0.122		226.968							20
21						9.9		0.313		534.698				0.117		226.853							21
22						9.9		0.305		544.293				0.105		226.746							22
23			0.116	+383.0	382.884	9.9		0.260		553.893				0.121		226.675							23
24			0.116		382.768	9.9		0.324		563.469				0.145		226.480							24
25			0.116	+0.3	383.000	9.9		0.210		573.159				0.148		226.332							25
26			0.0		383.000	9.9		0.315		582.744				0.130		226.202							26
27					383.000	9.9		0.326		592.318				0.136		226.066							27
28					383.000	9.9		0.357		601.861				0.152		225.914							28
29					383.000	9.9		0.326		611.435				0.134		225.780							29
30					383.000	9.9		0.192		621.143				0.132		225.648							30
31					383.000	9.9		0.295	-431.4 ^a	199.316				0.159		225.489							31
TOTAL			0.348	+383.34		253.7		5.952	-431.4 ^a		30.0		3.827						0.490	-225.0 ^c		TOTAL	
DAY	FOOTNOTES																				DAY		
1	a Released because Terminal Reservoir above allowable storage.																				1		
2	b Transferred to Peoples Ditch Company.																				2		
3	c Transferred to Tulare Irrigation District.																				3		
4	d Storage adjusted to maximum allowable.																				4		
5	e 200.0 acre-feet transferred to Consolidated Peoples Ditch Company and 231.4 acre-feet transferred to Consolidated Peoples Ditch Company from Sweeney Ditch.																				5		
6																					6		
7																					7		
8																					8		
9																					9		
10																					10		
11																					11		
12																					12		
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26																					26		
27																					27		
28																					28		
29																					29		
30																					30		
31																					31		
TOTAL																					TOTAL		

Table C-38

MATHESON DITCH COMPANY

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY	
DAY	OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY	
1						0.7		0.003		19,506			0.003		19,355				0.003		19,266	1
2						0.0		0.005		19,501			0.003		19,352				0.003		19,263	2
3								0.008		19,493			0.003		19,347				0.003		19,260	3
4								0.008		19,485			0.005		19,341				0.003		19,257	4
5								0.003		19,482			0.006		19,341				0.003		19,254	5
6								0.0		19,482			0.003		19,338				0.003		19,251	6
7								0.003		19,479			0.003		19,335				0.003		19,248	7
8								0.0		19,479			0.003		19,332				0.003		19,245	8
9								0.003		19,476			0.003		19,329				0.003		19,242	9
10								0.003		19,473			0.003		19,326				0.003		19,239	10
11	2.5		0.001		2,499			0.006		19,467			0.003		19,328				0.0		19,239	11
12	2.5		0.003		5,156			0.009		19,458			0.0		19,323				0.0		19,239	12
13	0.7		0.003		5,893			0.009		19,449			0.0		19,323				0.003		19,236	13
14	1.2		0.004		7,089			0.011		19,438			0.003		19,320				0.003		19,233	14
15	2.0		0.006		9,083			0.011		19,427			0.003		19,317				0.003		19,230	15
16								0.0		19,422			0.003		19,314				0.006		19,228	16
17	0.7		0.005		9,778			0.006		19,421			0.003		19,311				0.006		19,218	17
18	0.0		0.005		9,773			0.003		19,418			0.003		19,308				0.006		19,212	18
19			0.003		9,770			0.006		19,412			0.006		19,306				0.003		19,209	19
20			0.003		9,767			0.006		19,406			0.006		19,302				0.006		19,203	20
21			0.006		9,761			0.006		19,400			0.003		19,299				0.006		19,203	21
22			0.006		9,755			0.006		19,394			0.006		19,293				0.006		19,197	22
23			0.005		9,750			0.006		19,388			0.003		19,290				0.006		19,191	23
24			0.005		9,745			0.006		19,382			0.003		19,290				0.006		19,185	24
25			0.005		9,740			0.003		19,379			0.003		19,287				0.003		19,188	25
26			0.005		9,735			0.006		19,373			0.003		19,284				0.003		19,179	26
27			0.002		9,733			0.006		19,367			0.003		19,281				0.006		19,173	27
28	2.5		0.004		12,289			0.003		19,364			0.003		19,281				0.006		19,166	28
29	2.7		0.004		14,985			0.0		19,364			0.003		19,278				0.007		19,159	29
30	0.7		0.009		19,616			0.0		19,364			0.003		19,275				0.007		19,152	30
31	1.2		0.002		16,814			0.003		19,361			0.003		19,272				0.007		19,145	31
TOTAL	18.9		0.091			0.7		0.148					0.092						0.131			TOTAL
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY	
1			0.007		19,131	18.3		0.007		52,178	40.6		0.407		1,398,088	39.4			0.951		2421,799	1
2			0.007		19,124	29.4		0.010		81,568	35.9		0.514		1,627,474	39.8			0.951		2462,648	2
3			0.007		19,117	42.4		0.013		123,953	35.9		0.312		1,463,062	40.1			1.049		2504,699	3
4			0.004		19,111	48.4		0.020		172,333	35.9		0.105		1,468,857	40.4			1.040		2541,059	4
5					19,113	48.4		0.076		220,657	35.9		0.212		1,534,545	41.3			0.829		2581,530	5
6			0.004		19,109	47.0		0.061		267,596	35.9		0.536		1,569,999	38.8			0.726		2619,604	6
7			0.0		19,109	46.2		0.105		313,691	35.9		0.432		1,605,377	36.9			1.036		2655,468	7
8	0.0		0.0		19,109	47.6		0.119		353,172	26.5		0.323		1,634,554	36.9			1.343		2691,025	8
9	5.2		0.005		21,609	47.0		0.044		408,128	30.3		0.388		1,654,588	39.3			1.335		2728,990	9
10					26,804	47.6		0.048		455,680	35.9		0.328		1,697,100	41.4			1.227		2769,163	10
11	2.2		0.005		28,399	47.0		0.052		502,688	35.9		0.280		1,735,760	40.5			1.115		2806,548	11
12	0.0		0.005		28,994	46.2		0.169		548,659	35.9		0.333		1,768,347	38.3			1.700		2845,148	12
13			0.005		28,989	46.2		0.181		594,678	35.9		0.383		1,803,864	38.5			1.866		2881,782	13
14			0.005		28,984	47.6		0.192		642,086	35.9		0.449		1,839,315	39.1			1.741		2919,141	14
15			0.005		28,979	43.0		0.201		684,885	29.3		0.398		1,868,277	39.0			1.535		2955,606	15
16			0.005		28,974	38.6		0.276		723,209	28.0		0.680		1,899,597	39.3			1.525		2991,381	16
17			0.005		28,969	33.3		0.353		776,156	35.9		0.685		1,934,812	40.1			1.426		3031,055	17
18			0.009		28,960	27.8		0.214		783,742	35.9		0.575		1,970,137	42.6			1.236		3074,419	18
19			0.004		28,956	33.4		0.292		816,850	29.2		0.806		1,998,531	43.8			1.241		3116,978	19
20			0.009		28,952	44.4		0.303		860,947	31.1		0.802		2,028,829	43.8			1.242		3159,536	20
21			0.004		28,943	48.4		0.315		909,032	36.0		0.797		2,064,032	45.0			1.343		3203,193	21
22			0.009		28,934	41.7		0.242		950,490	36.8		0.790		2,100,042	46.5			1.157		3248,536	22
23			0.008		28,926	44.4		0.250		994,640	36.9		0.794		2,136,194	47.0			1.354		3294,182	23
24			0.008		28,918	48.4		0.343		1,042,697	36.9		0.891		2,172,203	47.0			1.265		3339,916	24
25			0.004		28,914	40.6		0.262		1,083,035	36.9		0.994		2,208,109	46.2			1.466		3384,650	25
26			0.008		28,906	37.0		0.444		1,119,590	36.9		0.990		2,244,019	44.9			1.766		3427,784	26
27			0.008		28,898	42.2		0.182		1,161,608	36.6		0.990		2,279,689	43.3			1.972		3469,112	27
28			0.005		28,890	47.1		0.373		1,208,339	35.0		0.988		2,313,641	42.6			1.489		3510,297	28
29	0.0		0.005		33,885	48.4		0.450		1,256,285	35.9		0.984		2,348,597	35.3			1.489		3544,238	29
30	5.0		0.005			48.4		0.588		1,304,097	37.8		0.995		2,385,362	25.5			1.292		3568,246	30
31						48.4		0.602		1,351,899					2,421,000	33.0			1.397		3599,289	31
TOTAL	14.9		0.153			324.8		6.790			1051.4		17.933			1255.6			41.113			TOTAL
DAY	JUNE 1976					JULY 1976					OCTOBER 1976					NOVEMBER 1976					DAY	
1	52.6		1.611		3650,836	77.3		1.603		2687,225	21.2		0.005		21,195	0.023			0.023		48,929	1
2	60.3		1.425		3709,713	80.8		1.819		2604,606	16.3		0.012		37,483	0.031			0.031		48,898	2
3	28.6		1.539		3760,774	82.8		1.979		2520,227	23.3		0.020		60,763	0.033			0.033		48,865	3
4	34.1		1.753		3793,121	82.7		1.759		2435,738	32.5		0.040		93,223	0.017			0.017		48,848	4
5	80.8		1.659		3812,262	82.7		1.800		2351,238	38.7		0.066		124,857	0.044			0			

Table C-38 (Cont'd)

MATHIAS DITCH COMPANY

DAY	DECEMBER 1976					JANUARY 1977					FEBRUARY 1977					MARCH 1977					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1			0.017		48,435			0.008		47,956			0.007		47,792	15.1		0.050		200,009	1	
2			0.016		48,419			0.016		47,940			0.007		47,735	13.4		0.050		213,359	2	
3			0.017		48,402			0.008		47,932			0.015		47,720	10.7		0.054		223,945	3	
4			0.017		48,385			0.008		47,924			0.015		47,705	8.7		0.086		232,559	4	
5			0.017		48,368			0.008		47,916			0.015		47,690	6.7		0.088		239,171	5	
6			0.017		48,351			0.008		47,908			0.007		47,683	9.7		0.152		248,719	6	
7			0.017		48,334			0.008		47,900			0.014		47,669	11.9		0.127		260,492	7	
8			0.017		48,317			0.008		47,892			0.014		47,655	11.9		0.099		272,293	8	
9			0.008		48,309			0.008		47,884			0.007		47,648	15.6		0.035		287,856	9	
10			0.017		48,292			0.0		47,884			0.014		47,634	16.6		0.109		304,349	10	
11			0.017		48,275			0.008		47,876			0.014		47,620	14.6		0.113		318,836	11	
12			0.017		48,258			0.008		47,868			0.014		47,606	16.4		0.118		335,118	12	
13			0.017		48,241			0.008		47,860			0.014		47,592	16.6		0.123		351,595	13	
14			0.017		48,224			0.0		47,850			0.080		47,578	13.4		0.127		364,868	14	
15			0.017		48,207			0.0		47,840			0.080		47,558	10.7		0.130		375,438	15	
16			0.025		48,182			0.008		47,832			0.080		47,532	17.4		0.045		392,793	16	
17			0.025		48,157			0.008		47,844			0.020		47,512	15.6		0.139		408,254	17	
18			0.017		48,140			0.008		47,836			0.027		47,485	13.1		0.095		421,259	18	
19			0.017		48,123			0.008		47,828			0.026		47,459	12.6		0.146		433,713	19	
20			0.017		48,106			0.008		47,820			0.013		47,446	11.9		0.149		445,464	20	
21			0.008		48,098			0.008		47,812	5.0		0.0		52,446	14.4		0.203		459,661	21	
22			0.017		48,081			0.007		47,805	24.1		0.021		76,525	20.8		0.264		480,197	22	
23			0.008		48,073			0.007		47,798	24.6		0.014		105,311	27.9		0.221		507,476	23	
24			0.017		48,056			0.007		47,791	24.6		0.017		129,894	31.0		0.174		525,302	24	
25			0.017		48,039			0.0		47,791	20.1		0.058		149,936	30.5		0.061		568,741	25	
26			0.008		48,031			0.007		47,784	12.9		0.063		162,773	28.8		0.252		593,289	26	
27			0.017		48,014			0.007		47,777	9.9		0.044		172,629	21.8		0.324		614,765	27	
28			0.017		47,997			0.007		47,770	12.4		0.070		184,959	20.1		0.266		637,599	28	
29			0.017		47,980			0.007		47,763	24.6		0.0		201,000	26.1		0.341		657,358	29	
30			0.008		47,972			0.007		47,756	12.4		0.0		217,812	17.8		0.257		674,969	30	
31			0.008		47,964			0.007		47,749	12.4		0.0		234,624	14.1		0.283		688,766	31	
TOTAL			0.488					0.215			137.8		0.590			508.5		4.693			TOTAL	
DAY	APRIL 1977					MAY 1977					JUNE 1977					JULY 1977					DAY	
1	4.5		0.284		692,982	31.2		0.542		1451,675	33.6		1.622		2516,827	31.0		1.955		3111,714	1	
2	0.0		0.353		692,629	39.7		0.549		1490,826	34.5		1.306		2550,021	33.0		2.195		3076,519	2	
3			0.350		692,279	39.7		0.742		1529,784	38.3		1.504		2586,817	32.5		2.085		3041,934	3	
4			0.417		691,862	28.5		0.750		1557,534	38.5		1.601		2623,716	33.0		1.863		3007,071	4	
5	0.0		0.413		691,449	25.5		0.660		1582,374	39.2		1.302		2661,614	33.7		1.870		2974,501	5	
6	22.4		0.489		713,360	22.8		0.568		1604,606	42.3		1.406		2695,508	33.7		1.995		2935,806	6	
7	27.2		0.495		710,065	13.6		0.379		1617,827	49.4		1.723		2750,125	33.7		2.240		2899,866	7	
8	26.5		0.356		706,209	14.9		0.189		1632,538	44.8		1.118		2793,867	48.6		2.004		2864,262	8	
9	24.9		0.216		709,893	29.0		0.191		1661,347	33.6		0.303		2827,164	57.5		2.119		2789,643	9	
10	30.9		0.369		821,424	27.0		0.385		1687,962	35.0		0.796		2861,368	57.5		1.994		2730,149	10	
11	35.9		0.454		896,870	33.0		0.291		1720,671	41.1		1.199		2901,269	41.4		2.000		2686,749	11	
12	35.9		0.543		892,227	39.7		0.393		1759,978	56.4		1.313		2956,356	31.7		2.132		2652,917	12	
13	35.9		0.475		927,652	36.0		0.198		1799,780	61.9		1.131		3016,929	31.7		2.144		2619,073	13	
14	35.9		0.266		962,256	27.5		0.408		1822,782	55.1		1.349		3070,676	31.7		2.158		2585,215	14	
15	30.0		0.651		998,335	33.7		0.902		1855,580	41.8		1.572		3110,904	31.7		2.176		2551,339	15	
16	32.6		0.570		1024,365	33.7		0.703		1888,577	29.5		1.476		3138,928	31.7		1.582		2518,057	16	
17	36.6		0.571		1060,394	36.1		1.012		1923,665	24.6		1.696		3161,932	31.7		2.089		2484,268	17	
18	35.1		0.656		1090,838	29.8		0.715		1952,750	20.1		1.921		3180,440	31.7		1.984		2450,584	18	
19	26.2		0.744		1120,294	33.7		0.924		1985,526	14.1		1.495		3193,045	31.7		1.877		2417,007	19	
20	31.8		0.838		1151,256	33.9		1.028		2018,398	10.7		1.291		3202,454	31.7		1.899		2383,408	20	
21	36.9		0.766		1187,390	39.7		1.128		2056,970	7.4		1.733		3208,121	31.7		1.919		2349,789	21	
22	36.1		0.692		1222,798	44.2		0.817		2100,353	2.2		2.064		3208,257	31.7		2.070		2316,019	22	
23	36.1		0.877		1258,021	41.6		0.510		2143,443	0.0		2.073		3206,184	31.7		1.832		2282,487	23	
24	26.1		0.618		1283,403	46.4		0.635		2189,428			1.866		3204,318	31.7		1.857		2248,930	24	
25	30.1		0.712		1312,891	44.9		0.929		2233,399			1.875		3202,443	31.7		1.878		2215,352	25	
26	26.6		0.536		1338,955	38.8		0.934		2271,265			1.998		3200,445	31.7		2.037		2181,615	26	
27	21.6		0.626		1359,929	42.8		1.039		2313,026			2.131		3198,314	31.7		1.789		2148,126	27	
28	22.0		0.716		1381,213	46.3		1.144		2358,182			1.698		3196,616	31.7		1.951		2114,475	28	
29	22.0		0.627		1402,586	44.5		1.451		2401,231			1.599		3176,417	31.7		2.122		2080,653	29	
30	18.8		0.269		1421,117	43.0		1.445		2443,386			1.948		3144,669	31.7		1.829		2046,654	30	
31					43.0			1.537		2484,849						31.7		1.751		2013,203	31	
TOTAL	748.6		16,249			1086.9		23,168			754.1		48.4 ^a		45,880	1069.6		61,866			TOTAL	
DAY	AUGUST 1977					SEPTEMBER 1977					OCTOBER 1977					NOVEMBER 1977					DAY	
1			31.7		2,077			1,979,426		31.7		1,170			952,565							1
2			31.7		2,115			1,945,611		31.7		1,001			919,864							2
3			31.7		1,992			1,911,919		3												

Table C-38 (Cont'd)

NATURALS OIL COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
JULY 1978																					
1	26.5	0.260			778.619	17.9	0.0	0.278		501.312						22.5		0.001		115.907	1
2	31.7	0.236			786.583	6.7	7.4	0.280		500.324						24.8		0.005		150.088	2
3	31.7	0.247			714.736	0.0	14.4	0.290		485.633						24.7		0.044		164.736	3
4	31.7	0.235			682.801	0.0	15.9	0.203		469.530						24.7		0.049		189.989	4
5	28.0	0.225			654.576	0.0	13.4	0.296		455.634						24.8		0.054		214.135	5
6																					
7	25.8	0.235			628.541	2.5	4.5	0.386		453.448						25.9		0.059		239.976	6
8	25.8	0.244			602.497	1.5	9.9	0.314		444.739						25.5		0.083		265.393	7
9	19.6	0.237			582.660	0.0	15.9	0.235		428.559						24.6		0.086		289.507	8
10	15.9	0.227			566.901	0.0	12.5	0.291		416.144						24.2		0.089		314.018	9
11	15.9	0.242			550.361	0.0	9.9	0.278		405.966						23.9		0.091		337.827	10
12																					
13	8.5	0.201			546.660	11.2	0.227			398.539						23.8		0.070		361.577	11
14	4.0	0.194			550.466	18.1	0.232			376.207						24.2		0.056		385.661	12
15	4.0	0.235			554.231	13.1	0.238			362.869						24.7		0.102		410.259	13
16	4.0	0.222			558.009	9.2	0.232			351.437						24.9		0.091		435.108	14
17	4.0	0.225			561.784	14.9	0.255			338.282						24.2		0.077		459.231	15
18																					
19	4.0	0.239			565.545	17.9	0.208			320.174						24.2		0.052		483.779	16
20	4.0	0.263			569.882	22.8	0.242			297.132						24.8		0.087		508.152	17
21	1.5	0.274			563.108	25.6	0.283			271.149						25.1		0.110		533.142	18
22	0.0	0.285			550.963	29.5	0.173			241.476	0.0			0.0		25.4		0.028		558.534	19
23	11.9	0.274			538.789	28.0	0.173			211.303	6.1			0.001		26.2		0.115		584.999	20
24																					
25	11.9	0.227			526.662	29.5	0.129			183.674	9.8			0.002		15.897		0.089		611.311	21
26	11.9	0.236			514.526	31.7	0.101			151.873	9.1			0.003		24.994		0.090		636.821	22
27	11.9	0.273			502.373	31.7	0.074			120.099	8.9			0.007		33.887		0.154		661.367	23
28	11.9	0.236			490.217	31.7	0.051			88.348	9.5			0.009		43.378		0.156		685.913	24
29	11.9	0.132			478.185	31.7	0.039			56.609	10.8			0.011		54.167		0.190		710.320	25
30																					
31	11.9	0.128			466.087	31.7	0.015			24.894	11.5			0.006		65.761		0.096		735.124	26
1	11.9	0.208			453.979	24.9	0.015			0.0	13.3			0.018		77.046		0.158		758.966	27
2	0.0	0.209			441.870											92.828		0.062		782.004	28
3	11.2	0.198			448.372													0.122		805.282	29
4	17.9	0.213			466.059													0.061		828.921	30
5	17.9	0.249			483.690													0.154		853.067	31
TOTAL	75.0	369.5	7.189			26.6	506.9	5.396			92.9			0.072		762.9		2.661			TOTAL
AUGUST 1978																					
1	31.7	0.093			884.674	35.5	0.408			1878.745						12.4		0.881		1966.324	1
2	36.5	0.221			920.953	36.5	0.410			1914.835						13.9		0.847		1991.577	2
3	37.4	0.226			1026.127	37.0	0.551			1931.304						13.9		0.758		1996.919	3
4	37.1	0.263			994.964	21.6	0.588			1972.316						13.9		0.667		1922.352	4
5	35.8	0.267			1030.497	11.9	0.566			1983.650						13.9		0.712		1907.740	5
6																					
7	35.2	0.134			1055.563	10.7	0.505			1993.848						7.7		0.785		1899.255	6
8	35.2	0.204			1100.559	9.9	0.307			2003.438						4.0		0.654		1894.601	7
9	37.2	0.275			1137.484	3.7	0.227			2006.911						6.4		0.812		1897.999	8
10	35.3	0.209			1172.575	0.0	0.490			2006.421						7.9		0.814		1878.677	9
11	35.7	0.239			1208.036	0.0	0.600			2005.821						7.9		0.864		1869.913	10
12																					
13	33.8	0.215			1241.621	0.0	0.672			2005.149						7.9		0.970		1861.043	11
14	33.8	0.218			1273.023	0.0	0.814			2008.335						12.9		0.785		1847.358	12
15	34.0	0.294			1306.909	1.2	0.874			2004.661						15.9		0.656		1830.802	13
16	34.8	0.370			1341.339	3.2	0.896			2006.965						18.4		0.605		1811.797	14
17	32.7	0.408			1373.631	5.2	0.738			2011.427						19.8		0.582		1791.415	15
18																					
19	31.7	0.372			1404.999	1.0	0.620			2011.807						19.8		0.609		1771.006	16
20	31.7	0.361			1436.398	0.7	0.708			2012.399						21.1		0.478		1749.488	17
21	31.7	0.304			1467.794	1.2	0.658			2012.941						23.1		0.609		1725.719	18
22	31.7	0.346			1499.148	3.2	0.673			2013.468						23.6		0.609		1701.510	19
23	31.7	0.392			1530.456	5.2	0.656			2018.012						23.8		0.612		1676.898	20
24																					
25	31.7	0.397			1561.759	6.0	0.486			2023.526						23.8		0.658		1652.440	21
26	31.7	0.402			1593.077	2.2	0.476			2025.250						23.8		0.552		1628.088	22
27	31.7	0.409			1624.392	0.0	0.498			2024.752						23.8		0.576		1603.712	23
28	31.7	0.411			1655.641	2.5	0.665			2021.587						23.8		0.583		1579.299	24
29	31.7	0.332			1687.009	5.2	0.688			2015.699						23.6		0.662		1554.852	25
30																					
31	31.7	0.249			1718.460	4.7	0.736			2010.263						25.0		0.542		1529.295	26
1	31.7	0.335			1759.827	2.7	0.614			2008.949						33.2		0.566		1495.909	27
2	31.7	0.372			1781.155	3.2	0.555			2003.194						3					

Table C-38 (Cont'd)

MATHESON DITCH COMPANY

DAY	JANUARY 1980			FEBRUARY 1980			MARCH 1980			APRIL 1980			DAY	
	IN STORAGE	OUT STORAGE	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	ADJUSTED STORAGE		
1		0.001	5.771		0.0	5.761			5.741		0.001	5.713	1	
2		0.001	5.770		0.001	5.760			5.741		0.001	5.712	2	
3		0.001	5.769		0.0	5.760		0.0	5.741		0.001	5.711	3	
4		0.001	5.768			5.760		0.001	5.740		0.001	5.710	4	
5		0.0	5.768			5.760			5.740		0.0	5.710	5	
6		0.001	5.767		0.0	5.760		0.0	5.740		0.001	5.709	6	
7		0.001	5.766		0.001	5.759		0.001	5.739		0.001	5.708	7	
8		0.001	5.765		0.001	5.758		0.001	5.738		0.001	5.707	8	
9		0.0	5.765		0.001	5.757		0.001	5.737		0.001	5.705	9	
10		0.001	5.764		0.001	5.756		0.0	5.737		0.001	5.704	10	
11		0.001	5.763		0.001	5.755		0.001	5.736		0.002	5.702	11	
12		0.0	5.763		0.001	5.754		0.001	5.735		0.002	5.700	12	
13			5.763		0.0	5.754		0.001	5.734		0.002	5.698	13	
14			5.763			5.754		0.001	5.733		0.002	5.696	14	
15			5.763			5.754		0.001	5.732		0.002	5.694	15	
16			5.763		0.0	5.754		0.001	5.731		0.002	5.692	16	
17			5.763		0.001	5.753		0.001	5.730		0.002	5.690	17	
18			5.763		0.001	5.752		0.001	5.729		0.002	5.688	18	
19			5.763		0.002	5.750		0.001	5.728		0.002	5.686	19	
20			5.763		0.0	5.750		0.001	5.727		0.001	5.685	20	
21			5.763		0.001	5.749		0.001	5.726		0.002	5.683	21	
22			5.763		0.001	5.748		0.001	5.725		0.002	5.682	22	
23			5.763		0.001	5.747		0.001	5.724		0.002	5.681	23	
24			5.763		0.002	5.746		0.002	5.722		0.001	5.680	24	
25			5.763		0.001	5.745		0.0	5.722		0.001	5.679	25	
26			5.763		0.001	5.744		0.001	5.721		0.002	5.677	26	
27		0.0	5.763		0.001	5.743		0.001	5.720		0.002	5.675	27	
28		0.001	5.762		0.001	5.742		0.001	5.719		0.001	5.674	28	
29		0.0	5.762		0.001	5.741		0.002	5.717		0.0	5.674	29	
30		0.001	5.761					0.002	5.715		0.001	5.673	30	
31		0.0	5.761					0.001	5.714				31	
TOTAL		0.011			0.020			0.027			0.042		TOTAL	
DAY	MAY 1980			JUNE 1980			JULY 1980			AUGUST 1980			DAY	
1		0.001	5.672		0.002	5.624			958.000		15.9	0.178	682.047	1
2		0.002	5.670		0.002	5.622			958.000		15.9	0.389	665.758	2
3		0.002	5.668		0.002	5.620			958.000		15.9	0.361	649.477	3
4		0.002	5.666		0.002	5.618		0.0	958.000		15.9	0.321	633.276	4
5		0.002	5.664		0.002	5.616		0.0	958.000		15.9	0.320	617.056	5
6		0.002	5.662		0.002	5.614		9.9	947.770		15.9	0.320	600.836	6
7		0.002	5.660		0.002	5.612		15.9	931.544		15.9	0.307	584.629	7
8		0.002	5.658		0.002	5.610		15.9	915.322		15.9	0.307	568.422	8
9		0.0	5.658		0.002	5.608		15.9	899.129		15.9	0.329	552.193	9
10		0.001	5.657		0.002	5.606		6.0	892.824		17.2	0.325	536.066	10
11		0.001	5.656		0.002	5.604		0.0	892.492		16.6	0.310	517.758	11
12		0.001	5.655		0.002	5.602		0.0	892.183		17.2	0.295	500.263	12
13		0.001	5.654		0.002	5.600		0.376	891.807		17.9	0.291	482.082	13
14		0.001	5.653		0.002	5.598		0.352	891.455		17.9	0.218	463.964	14
15		0.002	5.651		0.002	5.596		0.395	891.060		19.1	0.181	444.683	15
16		0.002	5.649		0.002	5.594		0.0	890.634		23.5	0.199	420.984	16
17		0.002	5.647		0.002	5.592		6.2	884.074		25.8	0.202	394.982	17
18		0.003	5.644		0.002	5.590		9.9	873.815		25.8	0.182	369.000	18
19		0.003	5.641		0.002	5.588		9.9	863.556		25.8	0.142	343.059	19
20		0.002	5.639		0.002	5.586		9.9	853.229		25.8	0.171	317.088	20
21		0.002	5.637		0.002	5.584		9.9	842.835		25.8	0.151	291.137	21
22		0.001	5.636		0.002	958.000		12.4	829.970		30.8	0.121	260.216	22
23		0.001	5.635		0.290	957.710		13.9	815.686		31.2	0.123	228.899	23
24		0.001	5.634		0.290	957.420		13.9	801.326		31.0	0.127	197.766	24
25		0.002	5.632		0.289	958.000		13.9	787.138		33.0	0.108	164.658	25
26		0.001	5.631			958.000		13.9	772.820		43.6	0.069	120.989	26
27		0.001	5.630			958.000		13.9	758.503		48.4	0.044	72.545	27
28		0.001	5.629			958.000		13.9	744.161		48.9	0.016	23.629	28
29		0.001	5.628			958.000		13.9	729.872		23.6	0.0	0.0	29
30		0.001	5.627			958.000		15.9	714.551					30
31		0.001	5.626					15.9	698.325					31
TOTAL		0.047			0.913	4953.3 ^c		250.1	9.575		692.0	6.296		TOTAL
DAY	FOOTNOTES												DAY	
1	a. All water released to Wutchumm Water Company for transfer.												1	
2	b. Released because Terminus Reservoir above allowable storage.												2	
3	c. Storage adjusted to maximum allowable.												3	
4													4	
5													5	
6													6	
7													7	
8													8	
9													9	
10													10	
11													11	
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23													23	
24													24	
25													25	
26													26	
27													27	
28													28	
29													29	
30													30	
31													31	
TOTAL													TOTAL	

Table C-39

JERRINGS DITCH COMPANY

DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1					32.5	0.004			34,996	30.3	0.332			1135,264	69.8	0.965			2430,649	1	
2					51.5	0.011			86,485	30.5	0.420			1165,344	75.3	0.967			2504,982	2	
3					47.0	0.016			133,469	29.8	0.255			1194,889	74.7	1.081			2576,601	3	
4					27.5	0.019			160,950	34.7	0.086			1229,503	75.3	1.095			2652,816	4	
5					16.6	0.061			177,489	25.3	0.173			1254,630	77.3	0.876			2729,240	5	
6					9.7	0.042			187,147	22.7	0.432			1265,896	60.4	0.773			2798,867	6	
7					4.7	0.064			191,783	5.5	0.342			1271,056	49.6	1.107			2837,350	7	
8					8.9	0.066			200,617	59.9	0.264			1330,698	49.6	1.441			2885,519	8	
9					13.1	0.083			213,694	67.3	0.274			1397,718	66.5	1.444			2950,575	9	
10					13.9	0.084			227,570	51.6	0.280			1449,038	77.8	1.342			3027,033	10	
11					12.6	0.085			240,145	41.7	0.189			1490,459	76.7	1.232			3102,501	11	
12					9.4	0.077			249,468	43.2	0.288			1533,461	69.5	1.894			3170,107	12	
13					10.4	0.079			259,789	48.9	0.335			1582,026	66.0	2.094			3234,013	13	
14					19.3	0.083			279,006	36.0	0.395			1617,631	66.1	1.967			3298,146	14	
15					30.5	0.097			329,409	50.6	0.302			1667,969	69.5	1.748			3365,898	15	
16					68.8	0.152			398,057	43.9	0.613			1712,216	73.1	1.750			3437,248	16	
17					59.9	0.213			457,744	21.8	0.613			1732,403	72.2	1.651			3510,797	17	
18					47.1	0.138			504,706	23.3	0.513			1755,290	78.6	1.443			3581,954	18	
19					60.2	0.202			544,704	33.2	0.799			1807,661	80.1	1.460			3666,594	19	
20					47.5	0.235			611,989	59.0	0.737			1865,934	80.1	1.472			3745,222	20	
21					38.7	0.225			650,464	51.1	0.740			1916,294	81.1	1.604			3826,718	21	
22					59.6	0.181			709,883	49.7	0.739			1965,245	85.7	1.393			3911,025	22	
23					52.5	0.191			762,192	49.6	0.705			2014,140	86.1	1.643			3999,482	23	
24					46.6	0.266			808,526	49.6	0.846			2062,894	84.6	1.546			4078,536	24	
25					65.0	0.211			873,315	49.6	0.951			2111,543	84.8	1.803			4161,533	25	
26					71.8	0.375			944,740	49.6	0.953			2160,190	81.2	2.185			4240,548	26	
27					68.1	0.158			1006,682	49.6	0.959			2208,831	88.0	2.459			4326,059	27	
28					44.3	0.384			1047,698	50.5	0.965			2258,866	93.6	1.870			4417,819	28	
29	2.3		0.0		19.3	0.382			1066,576	50.1	0.967			2307,199	86.7	1.892			4502,627	29	
30					15.6	0.488			1081,688	55.3	0.985			2361,814	73.9	1.656			4572,871	30	
31					24.1	0.492			1105,296						49.4	1.793			4620,478	31	
TOTAL	2.5		0.0		1107.7		4.904			1272.9		16.382			2306.3		47.636			TOTAL	
DAY	JUNE 1976					JULY 1976					FEBRUARY 1977					MARCH 1977					DAY
1	26.0		2.049		4644,429	145.8	1.170		1963,290						0.003				13,872	1	
2	9.2		1.787		4651,842	190.1	1.264		1809,986						0.005				13,867	2	
3	1.5		1.903		4651,439	151.3	1.038		1657,588						0.005				13,862	3	
4	0.0		2.149		4649,990	151.3	1.106		1505,182						0.005				13,857	4	
5			2.082		4647,268	151.3	1.036		1352,846						0.005				13,852	5	
6			1.896		4645,372	151.3	0.874		1200,672						0.008				13,844	6	
7			1.644		4643,728	151.3	0.786		1048,586						0.007				13,837	7	
8			1.398		4642,330	151.3	0.692		896,594						0.005				13,832	8	
9	90.0		1.589		4550,804	151.3	0.553		744,741						0.002				13,830	9	
10	143.9		0.753		4406,148	151.3	0.519		592,922						0.005				13,825	10	
11	127.7	1.485			4276,963	151.3	0.373		441,249						0.005				13,820	11	
12	109.5	1.636			4165,567	151.3	0.256		289,713						0.005				13,815	12	
13	87.0	1.953			4076,674	151.3	0.125		138,288						0.005				13,810	13	
14	108.4	2.278			3965,996	138,288			0.0						0.005				13,805	14	
15	127.2	2.591			3836,205										0.005				13,800	15	
16	126.7	2.359			3707,146										0.002				13,798	16	
17	123.1	1.986			3588,060										0.005				13,793	17	
18	121.1	2.239			3458,721										0.003				13,790	18	
19	121.1	1.798			3333,863										0.005				13,785	19	
20	114.4	1.833			3217,628										0.005				13,780	20	
21	108.2	1.807			3107,621										0.006				13,774	21	
22	107.6	1.776			2996,245					8.7	0.002			8,698	0.008				13,766	22	
23	109.3	1.919			2887,026					5.2	0.002			13,896	0.006				13,760	23	
24	106.9	1.928			2778,208					0.0	0.002			13,894	0.004				13,756	24	
25	101.5	1.788			2674,920						0.005			13,889	0.001				13,751	25	
26			99.6	1.852	2573,468						0.005			13,884	0.006				13,749	26	
27	103.3	2.201			2467,967						0.004			13,880	0.004				13,746	27	
28	104.3	1.874			2361,793						0.005			13,875	0.005				13,742	28	
29	115.8	1.732			2244,663						0.005			13,870	0.006				13,738	29	
30	134.6	1.401			2128,260						0.005			13,865	0.006				13,735	30	
31											0.006			13,860	0.006				13,731	31	
TOTAL	36.7	2493.2	35,718			2098,148	9,772			13.9	0.025				0.156					TOTAL	
DAY	APRIL 1977					MAY 1977					JUNE 1977					JULY 1977					DAY
1			0.006		13,713	51.1	0.518		1388,112	57.9	1.694			2628,311	0.0	2.082			3312,661	1	
2			0.007		13,706	25.8	0.520		1413,698	49.9	1.571			2676,840	51.6	2.385			3298,796	2	
3			0.007		13,699	17.4	0.694		1430,398	58.8	1.586			2728,054	82.5	2.176			3274,060	3	
4			0.008		13,691	6.0	0.691		1435,707	53.9	1.697			2780,257	82.5	1.914			3259,646	4	
5	0.0		0.008		13,683	0.0	0.599		1435,108	59.1	1.388			2832,969	82.5	1.891			3205,255	5	
6	1.2		0.010		14,873	0.508	0.508		1434,600	70.7	1.513			2907,156	48.6	2.006			2954,647	6	
7	46.7		0.041		61,532	0.336	0.336		1434,264	83.3	1.872			2988,584	28.2	2.259			2984,188	7	
8	77.2		0.065		138,667	0.166	0.166		1434,098	71.3	1.825			3060,659	28.2	2.036			2989,952	8	
9	79.5		0.060		218,107	0.165	0.165		1433,933	56.7	0.934			3117,025	35.0	2.170					

Table C-39 (Cont'd)

JERRINGS DITCH COMPANY

DAY	AUGUST 1977					SEPTEMBER 1977					OCTOBER 1977					NOVEMBER 1977					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1	61.0	1.690			1573.171			0.046		37.526			0.031		35.403			0.016		35.510	1
2	61.0	1.049			1510.309			0.041		37.485			0.039		35.364			0.024		35.486	2
3	73.0	1.146			1436.033			0.047		37.438			0.046		35.316			0.024		35.462	3
4	100.3	1.105			1334.688			0.048		37.390			0.039		35.279			0.008		35.454	4
5	114.1	1.150			1219.378			0.054		37.336			0.031		35.248			0.008		35.446	5
6																					6
7	115.1	0.977			1103.301			0.055		37.281			0.016		35.232			0.016		35.430	7
8	115.1	0.723			967.478			0.056		37.225			0.030		35.201			0.016		35.414	8
9	111.2	0.839			874.449			0.056		37.169			0.031		35.170			0.016		35.398	9
10	108.7	0.751			765.998			0.057		37.112			0.031		35.139			0.016		35.382	10
11	104.4	0.738			660.860			0.051		37.061			0.031		35.108			0.016		35.366	11
12																					12
13	96.4	0.521			563.869			0.039		37.022			0.039		35.069			0.023		35.343	13
14	88.2	0.515			475.154			0.033		35.989			0.039		35.030			0.015		34.328	14
15	70.6	0.454			404.100			0.033		35.996			0.039		35.998			0.008		35.320	15
16	97.6	0.257			305.143			0.035		35.921			0.040		35.980			0.015		35.305	16
17	101.7	0.248			204.195			0.029		35.892			0.040		35.918			0.015		35.290	17
18																					18
19	112.3	0.046			91.849			0.014		35.878			0.030		35.878			0.015		35.275	19
20	51.1	0.005			40.744			0.036		35.842			0.040		35.846			0.015		35.260	20
21	2.6	0.002			30.123			0.029		35.813			0.032		35.814			0.015		35.245	21
22	0.0	0.043			38.080			0.022		35.792			0.024		35.790			0.023		35.222	22
23		0.043			38.037			0.029		35.762			0.024		35.766			0.008		35.214	23
24																					24
25		0.043			37.994			0.029		35.733			0.024		35.742			0.008		35.206	25
26		0.048			37.946			0.037		35.696			0.024		35.718			0.007		35.199	26
27		0.043			37.903			0.044		35.658			0.024		35.694			0.007		35.192	27
28		0.046			37.855			0.037		35.615			0.024		35.670			0.007		35.185	28
29		0.038			37.817			0.030		35.585			0.024		35.646			0.007		35.178	29
30																					30
31		0.033			37.784			0.030		35.555			0.024		35.622			0.007		35.171	31
TOTAL	1594.4 ⁴	13.849						1.138					0.908					0.393			TOTAL
DAY	DECEMBER 1977					JUNE 1978					JULY 1978					AUGUST 1978					DAY
1		0.007			35.135					0.399			1195.154			0.656				1181.697	1
2		0.007			35.129					0.378			1195.176			0.679				1181.018	2
3		0.007			35.122					0.412			1194.764			0.706				1180.312	3
4		0.007			35.115					0.411			1194.353			0.511				1179.801	4
5		0.007			35.108					0.410			1193.143			0.765				1179.096	5
6																					6
7		0.007			35.101					0.446			1193.397			1.003				1173.033	7
8		0.007			35.094					0.484			1194.313			0.892				1172.201	8
9		0.007			35.087					0.445			1194.668			0.645				1176.556	9
10		0.007			35.080					0.514			1193.887			0.721				1175.635	10
11		0.014			35.073					0.525			1193.362			0.805				1175.030	11
12		0.0			35.059					0.439			1192.923			0.677				1174.353	12
13		0.007			35.059					0.420			1192.503			0.722				1173.631	13
14		0.007			35.052					0.506			1191.997			0.770				1172.861	14
15		0.007			35.045					0.473			1191.524			0.758				1172.093	15
16		0.007			35.038					0.478			1191.046			0.824				1171.299	16
17		0.007			35.031					0.503			1190.543			0.727				1169.614	17
18		0.005			35.025					0.519			1189.994			0.853				1168.421	18
19		0.005			35.020					0.578			1189.416			0.741				1099.660	19
20		0.005			35.015					0.529			1188.887			0.785				1094.895	20
21		0.005			35.010					0.605			1188.282			0.888				1094.007	21
22																					22
23		0.005			35.005					0.512			1187.770			12.4 ⁴				1080.848	23
24		0.010			34.995					0.545			1187.225			7.4 ⁴				1072.737	24
25		0.005			34.990					0.646			1186.579			0.0				1072.073	25
26		0.009			34.981					0.578			1185.988			0.615				1071.458	26
27		0.005			34.976					0.327			1185.601			0.738				1070.720	27
28																					28
29	0.0	0.0			34.976					0.503			1185.178			1.02.56 ⁴				967.556	29
30	6.2	0.004	-41.172 ²		0.0					0.542			1184.636			0.593				808.263	30
31								0.332		1197.000			1184.636			0.593				808.263	31
TOTAL	6.2	0.171	-41.172 ²					1.047				15.500				989.030		21.276			TOTAL
DAY	SEPTEMBER 1978					FEBRUARY 1979					MARCH 1979					APRIL 1979					DAY
1	158.7	0.013			13.434					38.0			0.046		248.567			0.170		1621.809	1
2	13.434				0.0					45.8			0.073		294.314			0.402		1676.407	2
3										49.4			0.091		343.623			0.409		1732.198	3
4										49.4			0.102		392.921			0.472		1788.126	4
5										49.4			0.111		442.210			0.478		1843.948	5
6																					6
7										48.4			0.120		490.490			0.240		1901.108	7
8										43.0			0.167		533.323			0.362		1974.646	8
9										38.7			0.170		571.853			0.488		2014.198	9
10										37.4			0.173		609.090			0.469		2071.789	10
11										36.9			0.174		645.806			0.423		2127.166	11
12																					12
13										37.0			0.132		682.674			0.377		2178.889	13
14										38.0			0.179		720.495			0.381		2228.608	14
15										39.8			0.188		759.507			0.513		2277.595	15
16										40.7			0.094		800.113			0.644		2333.151	16
17										39.3			0.141		838.272			0.708		2383.643	17
18																					18
19										37.6			0.095		879.777			0.644		2430.599	19
20										40.3			0.048		921.889			0.451		2477.748	20
21										41.8			0.197		974.432			0.323		2524.825	21
22																					

Table C-40

UPHILL DITCH COMPANY

	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
	OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					
1								0.003		21.761			0.003		21.606			0.003		21.513	1
2								0.006		21.755			0.003		21.603			0.003		21.510	2
3								0.009		21.746			0.003		21.600			0.003		21.507	3
4								0.009		21.737			0.006		21.594			0.003		21.504	4
5								0.003		21.736			0.006		21.588			0.003		21.501	5
6								0.0		21.734			0.003		21.585			0.003		21.498	6
7								0.003		21.731			0.003		21.582			0.003		21.495	7
8								0.0		21.731			0.003		21.579			0.003		21.492	8
9								0.003		21.728			0.003		21.576			0.003		21.489	9
10								0.003		21.725			0.003		21.573			0.003		21.486	10
11	6.2		0.002		6.198			0.006		21.719			0.003		21.570			0.0		21.486	11
12	6.2		0.007		12.391			0.009		21.710			0.0		21.570			0.003		21.483	12
13	0.0		0.007		13.884			0.009		21.688			0.003		21.567			0.003		21.480	13
14			0.009		13.868			0.013		21.675			0.003		21.564			0.003		21.477	14
15								0.006		21.669			0.009		21.561			0.007		21.470	15
16			0.007		13.861			0.003		21.666			0.003		21.558			0.007		21.463	16
17			0.004		13.854			0.006		21.660			0.003		21.555			0.007		21.456	17
18			0.009		13.850			0.006		21.654			0.006		21.549			0.003		21.453	18
19			0.009		13.846			0.006		21.648			0.003		21.546			0.007		21.446	19
20								0.006		21.642			0.006		21.540			0.007		21.439	20
21			0.007		13.821			0.006		21.636			0.003		21.537			0.007		21.432	21
22			0.007		13.814			0.006		21.630			0.0		21.537			0.007		21.425	22
23			0.007		13.807			0.009		21.627			0.003		21.534			0.004		21.421	23
24			0.007		13.800			0.006		21.621			0.003		21.531			0.004		21.417	24
25								0.006		21.615			0.003		21.528			0.007		21.410	25
26	0.0		0.006		13.798			0.003		21.612			0.0		21.528			0.007		21.403	26
27	1.0		0.006		13.792			0.003		21.612			0.003		21.528			0.007		21.396	27
28	1.5		0.013		21.773			0.0		21.612			0.003		21.522			0.008		21.388	28
29	0.0		0.003		21.770			0.003		21.609			0.003		21.519			0.008		21.380	29
30			0.006		21.764			0.003		21.603			0.003		21.516			0.008		21.372	30
31																					31
TOTAL	21.9		0.136					0.155						0.093				0.144			TOTAL
	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					
1			0.008		21.364	33.3		0.007		54.343			0.058		197.489	76.6		0.341		898.260	1
2			0.008		21.356	43.1		0.012		57.631			0.071		197.418	85.0		0.358		942.896	2
3			0.008		21.348	13.8		0.013		111.418			0.042		197.376	82.0		0.429		1,024.457	3
4			0.0		21.348	0.0		0.013		111.409			0.014		197.352	78.6		0.451		1,102.616	4
5			0.004		21.344	0.0		0.038		111.367			0.027		197.335	62.1		0.374		1,164.342	5
6			0.004		21.340			0.025		111.342			0.067		197.268	55.6		0.338		1,219.604	6
7			0.0		21.340			0.037		111.305	0.0		0.053		197.215	57.3		0.498		1,276.406	7
8			0.0		21.340			0.037		111.268	5.0		0.040		202.175	57.3		0.666		1,333.040	8
9			0.0		21.340			0.012		111.256	3.0		0.040		205.135	68.7		0.685		1,401.055	9
10			0.004		21.336			0.012		111.244	6.0		0.040		205.095	61.2		0.648		1,461.507	10
11			0.004		21.332			0.012		111.232			0.086		205.069	73.7		0.610		1,534.697	11
12			0.004		21.328			0.034		111.198			0.039		205.030	77.6		0.583		1,611.534	12
13			0.004		21.324			0.034		111.164			0.043		204.987	73.5		1.020		1,663.744	13
14			0.004		21.320			0.033		111.131			0.050		204.937	74.3		1.048		1,756.996	14
15			0.003		21.317	0.0		0.033		111.098			0.037		204.900	78.2		0.952		1,834.244	15
16			0.003		21.314	3.7		0.044		114.754			0.073		204.827	83.0		0.976		1,916.268	16
17			0.003		21.311	21.0		0.063		135.691			0.073		204.754	80.4		0.938		1,995.730	17
18			0.007		21.304	26.6		0.044		162.247			0.060		204.694	56.4		0.885		2,071.305	18
19			0.009		21.301	14.2		0.053		176.384	0.0		0.082		204.612	43.4		0.834		2,153.871	19
20			0.003		21.298	3.0		0.063		179.321	29.1		0.092		233.620	43.4		0.840		2,236.431	20
21			0.006		21.292	0.0		0.062		179.259	49.0		0.109		282.311	44.8		0.914		2,320.317	21
22			0.006		21.286			0.046		179.213	54.7		0.127		337.084	30.8		0.787		2,410.330	22
23			0.006		21.280			0.045		179.168	57.3		0.138		394.246	21.8		0.917		2,512.213	23
24			0.006		21.274			0.059		179.109	57.3		0.185		451.361	14.0		0.851		2,644.362	24
25			0.003		21.271	6.8		0.045		185.864	57.3		0.229		508.432	3.5		0.973		2,786.689	25
26			0.006		21.265	9.1		0.071		194.887	57.3		0.249		565.443	7.4		1.161		2,933.128	26
27			0.006		21.259	3.0		0.037		197.856	53.5		0.269		618.714	11.3		1.286		3,083.142	27
28			0.006		21.253	0.0		0.061		197.795	49.2		0.285		657.689	10.9		0.957		3,243.680	28
29			0.003		21.250			0.071		197.704	53.8		0.302		702.127	4.1		0.956		3,412.284	29
30								0.089		197.635	61.2		0.326		782.001	0.0		0.884		3,575.400	30
31								0.088		197.547								0.883		3,744.517	31
TOTAL			0.122			177.6		1.303			587.7		3.246			1516.9		24.384			TOTAL
	JUNE 1976					OCTOBER 1976					NOVEMBER 1976					DECEMBER 1976					
1			1.003		2273.514	23.6		0.005		23.595			0.046		98.964			0.034		97.969	1
2			0.873		2272.641	33.0		0.019		56.576			0.064		98.900			0.032		97.937	2
3			0.930		2271.711	28.4		0.037		114.939			0.066		98.						

Table C-40 (Cont'd)

UPHILL DITCH COMPANY

DAY	JANUARY 1977					FEBRUARY 1977					MARCH 1977					APRIL 1977					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1			0.017		97.008			0.015		96.569			0.004		95.756			0.039		94.670	1	
2			0.023		96.985			0.015		96.954			0.036		95.720			0.048		94.622	2	
3			0.016		96.933			0.030		96.924			0.036		95.684			0.048		94.574	3	
4			0.016		96.937			0.030		96.494			0.035		95.649			0.057		94.517	4	
5			0.016		96.981			0.029		96.465			0.035		95.614			0.056		94.461	5	
6			0.016		96.905			0.015		96.450			0.059		95.555			0.065		94.396	6	
7			0.016		96.899			0.029		96.421			0.047		95.508			0.064		94.338	7	
8			0.016		96.873			0.009		96.392			0.035		95.473		13.5	0.051		109.681	8	
9			0.016		96.857			0.014		96.378			0.011		95.462		9.3	0.032		118.949	9	
10			0.0		96.857			0.088		96.350			0.034		95.428		1.1	0.054		119.995	10	
11			0.016		96.841			0.028		96.322			0.034		95.394			0.064		119.931	11	
12			0.016		96.825			0.028		96.294			0.034		95.360			0.073		119.858	12	
13			0.016		96.809			0.028		96.266			0.033		95.327			0.063		119.797	13	
14			0.0		96.805			0.041		96.225			0.033		95.294		0.0	0.070		119.727	14	
15			0.0		96.809			0.041		96.184			0.033		95.261		12.4	0.087		132.040	15	
16			0.015		96.794			0.041		96.143			0.011		95.250			0.095		170.545	16	
17			0.015		96.779			0.041		96.102			0.032		95.218		52.4	0.120		222.825	17	
18			0.015		96.764			0.054		96.048			0.022		95.196		50.2	0.164		272.861	18	
19			0.015		96.749			0.053		95.995			0.032		95.164		21.7	0.196		294.365	19	
20			0.015		96.734			0.027		95.968			0.032		95.132		2.2	0.216		296.349	20	
21			0.015		96.719			0.0		95.968			0.042		95.090		0.0	0.191		296.158	21	
22			0.015		96.704			0.026		95.942			0.092		95.098			0.168		295.990	22	
23			0.015		96.689			0.013		95.929			0.041		94.997			0.206		295.784	23	
24			0.015		96.674			0.013		95.916			0.031		94.966			0.142		295.642	24	
25			0.0		96.674			0.037		95.879			0.030		94.996		0.0	0.160		295.482	25	
26			0.015		96.659			0.037		95.842			0.040		94.926		2.5	0.119		297.863	26	
27			0.015		96.644			0.025		95.817			0.090		94.866		2.7	0.138		300.425	27	
28			0.015		96.629			0.037		95.780			0.040		94.826		2.6	0.157		302.868	28	
29			0.015		96.614			0.0		95.749			0.049		94.777		3.6	0.137		306.331	29	
30			0.015		96.599			0.089		94.748			0.039		94.748		1.5	0.058		307.773	30	
31			0.015		96.584			0.039		94.709												31
TOTAL			0.435					0.804					1.071				216.2	3.136			TOTAL	
DAY	MAY 1977					JUNE 1977					JULY 1977					AUGUST 1977					DAY	
1			0.115		307.658	67.0		0.465		720.840			13.9	0.836	1299.737			13.9	0.878	636.847	1	
2			0.113		307.545	79.7		0.410		800.130			13.9	0.938	1314.899			13.9	0.894	822.053	2	
3			0.119		307.396	80.3		0.512		879.918			13.9	0.891	1300.108			13.9	0.841	807.312	3	
4			0.128		307.248	83.2		0.588		968.530			13.9	0.796	1285.412			13.9	0.793	792.619	4	
5			0.128		307.120	72.8		0.506		1034.884			13.9	0.800	1270.712			13.9	0.734	777.985	5	
6			0.109		307.011	51.1		0.565		1085.359			13.9	0.893	1255.959			13.9	0.676	763.409	6	
7			0.072		306.935	19.6		0.698		1194.257			13.9	0.959	1241.100			13.9	0.949	748.960	7	
8			0.056		306.903	35.5		0.457		1142.310			21.3	0.858	1224.942			13.9	0.692	734.365	8	
9			0.035		306.868	76.0		0.130		1218.180			25.8	0.906	1198.236			13.9	0.705	719.760	9	
10			0.070		306.798	82.0		0.361		1299.819			25.8	0.851	1165.585			13.9	0.787	705.073	10	
11			0.052		306.746	62.2		0.563		1361.456			18.3	0.854	1146.431			13.9	0.724	690.449	11	
12			0.068		306.678	19.5		0.613		1380.343			13.9	0.909	1131.622			13.9	0.732	675.817	12	
13			0.094		306.644	0.0		0.609		1379.734			13.9	0.914	1116.808			13.9	0.743	661.174	13	
14			0.094		306.560			0.606		1379.128			13.9	0.900	1101.988			13.9	0.795	646.519	14	
15			0.119		306.411			0.696		1378.432			13.9	0.987	1087.161			13.9	0.766	631.853	15	
16			0.114		306.297	0.646		0.646		1377.784			13.9	0.674	1072.587			13.9	0.311	617.642	16	
17			0.151		306.136	0.738		0.738		1377.046			13.9	0.889	1057.798			13.9	0.079	603.663	17	
18			0.112		306.024	0.646		0.646		1376.400			13.9	0.845	1043.053			13.9	0.319	589.444	18	
19			0.142		305.882	0.644		0.644		1375.756			13.9	0.799	1028.354			13.9	0.643	574.901	19	
20			0.156		305.766	0.594		0.594		1375.202			13.9	0.808	1013.646			13.9	0.628	560.373	20	
21	27.7		0.183		333.295	0.743		0.743		1374.459			13.9	0.816	998.930			13.9	0.613	545.860	21	
22	46.2		0.148		319.295	0.884		0.884		1373.575			13.9	0.880	984.150			13.9	0.674	531.286	22	
23	47.4		0.102		486.593	0.867		0.867		1372.688			13.9	0.778	969.472			13.9	0.585	516.801	23	
24	34.1		0.129		460.564	0.799		0.799		1371.889			13.9	0.788	954.784			13.9	0.643	502.258	24	
25	9.8		0.196		470.168	0.803		0.803		1371.086			13.9	0.797	940.087			13.9	0.589	487.869	25	
26	0.9		0.194		470.874	0.856		0.856		1370.230			13.9	0.864	925.323			13.9	0.410	473.559	26	
27	12.6		0.217		482.257	0.813		0.813		1369.317			13.9	0.798	910.665			13.9	0.467	459.192	27	
28	38.9		0.290		519.967	0.787		0.787		1368.590			13.9	0.827	895.938			13.9	0.322	444.770	28	
29	45.4		0.135		559.969	6.7		0.674		1359.206			13.9	0.899	881.159			13.9	0.511	430.359	29	
30	47.4		0.359		607.010	13.9		0.833		1344.473			13.9	0.973	866.266			13.9	0.656	416.960	30	
31	47.7		0.405		694.305								13.9	0.741	851.625			13.9	0.426	401.634	31	
TOTAL	351.1		4.568			731.9	22.6	19.12				466.5	26.348			430.9	19.091			TOTAL		
DAY	SEPTEMBER 1977					OCTOBER 1977					NOVEMBER 1977					DECEMBER 1977					DAY	
1			13.9	0.415	387.258													0.570		1706.935	1	
2			13.9	0.406	372.952													0.539		1706.396	2	
3			13.9	0.492	358.600													0.589		1705.807	3	
4			13.9	0.440	344.260													0.587		1705.220	4	
5			13.9	0.481	329.879																	

Table C-40 (Cont'd)

UPHILL DITCH COMPANY

DAY	AUGUST 1978					FEBRUARY 1979					MARCH 1979					APRIL 1979					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1		27.6	0.697		1254.839						34.0		0.034		184.947	60.8		0.196		1868.861	1	
2		27.8	0.706		1256.333						34.7		0.043		239.604	61.6		0.464		1931.997	2	
3		29.0	0.716		1196.617						53.7		0.078		291.206	64.2		0.456		1975.741	3	
4		29.6	0.705		1166.312						53.0		0.090		346.136	64.8		0.544		2099.997	4	
5		29.8	0.736		1135.776						53.0		0.101		399.035	66.0		0.551		2125.446	5	
6		29.8	0.941		1105.035						55.9		0.111		454.804	67.0		0.276		2192.170	6	
7		29.8	0.759		1074.476						53.9		0.139		508.565	66.4		0.418		2258.152	7	
8		31.0	0.572		1042.904						53.2		0.187		561.998	67.1		0.563		2324.689	8	
9		44.1	0.612		998.192						54.8		0.179		616.223	68.0		0.488		2392.263	9	
10		49.1	0.650		948.442						54.7		0.181		670.742	64.6		0.488		2456.373	10	
11		53.8	0.513		894.127						54.9		0.141		725.501	61.4		0.436		2517.139	11	
12		65.0	0.310		808.617						54.9		0.194		780.207	56.2		0.440		2573.099	12	
13		45.9	0.513		782.204						56.2		0.207		836.200	58.3		0.592		2631.007	13	
14		44.1	0.483		737.621						53.2		0.104		889.896	66.7		0.745		2696.962	14	
15		60.7	0.509		674.412						52.8		0.158		941.938	62.1		0.819		2758.243	15	
16		69.4	0.393		604.619						54.3		0.108		996.130	57.5		0.746		2814.997	16	
17		69.4	0.436		534.783						56.2		0.096		1048.274	57.5		0.523		2871.974	17	
18		69.4	0.315		465.068						51.7		0.227		1092.747	55.1		0.626		2926.468	18	
19		69.4	0.283		395.385	0.0	0.0	0.0	0.0		53.4		0.058		1153.089	51.1		0.688		2976.880	19	
20		69.4	0.264		325.721	9.4	0.001		9.399		56.0		0.238		1208.851	49.6		0.775		3025.705	20	
21		69.4	0.180		255.141	13.7	0.003		23.096		58.1		0.184		1266.767	53.3		0.782		3078.223	21	
22		69.4	0.124		186.617	4.8	0.003		27.893		55.4		0.188		1321.979	56.8		0.790		3134.233	22	
23		69.4	0.073		117.144	18.1	0.010		45.883		55.2		0.321		1376.858	57.5		0.799		3190.938	23	
24		69.4	0.027		47.717	23.9	0.014		69.809		54.2		0.380		1430.732	57.5		0.806		3247.632	24	
25		47.727			0.0	25.0	0.019		94.890		54.8		0.398		1484.875	21.6		0.644		3268.588	25	
26						25.0	0.012		119.838		53.1		0.202		1538.038	0.0		0.474		3268.114	26	
27						22.8	0.029		142.610		53.5		0.231		1591.201			0.621		3269.493	27	
28						8.4	0.029		150.981		53.9		0.130		1644.971			0.683		3266.010	28	
29											54.5		0.298		1699.213			0.809		3265.921	29	
30											54.2		0.130		1753.283			0.725		3265.196	30	
31											55.3		0.388		1808.297					3265.196	31	
TOTAL		1271.87	11.219			151.1	0.119				1662.7		5.424			1474.9		17.961			TOTAL	
DAY	MAY 1979					JUNE 1979					JULY 1979					OCTOBER 1979					DAY	
1			0.709		3264.487	0.0	1.133		2528.479		22.1		0.902		2003.413					2003.413	1	
2			0.699		3263.788	5.0	1.099		2522.354		4.5		0.904		1998.109					1998.109	2	
3			0.888		3262.900	7.9	0.983		2513.501	0.9			0.742		1992.267					1992.267	3	
4			0.972		3261.928	7.9	0.869		2504.732		4.4		0.752		1993.115					1993.115	4	
5			0.930		3260.998	7.9	0.931		2495.901		12.1		0.725		1980.290					1980.290	5	
6			0.825		3260.173	10.4	1.027		2484.474		22.0		0.809		1957.481					1957.481	6	
7			0.499		3259.674	11.9	0.853		2471.721		26.8		0.853		1929.828					1929.828	7	
8			0.368		3259.306	11.9	1.058		2458.763		37.5		0.935		1891.393					1891.393	8	
9	0.0		0.795		3258.511	11.9	1.057		2445.806		44.3		1.092		1846.001					1846.001	9	
10	1.2		0.974		3257.337	11.9	1.124		2432.782		62.0		0.890		1783.111					1783.111	10	
11		2.0	1.090		3253.847	11.9	1.261		2419.621		63.1		0.731		1719.280					1719.280	11	
12	0.0	2.0	1.320		3249.927	11.9	1.403		2406.698		64.1		0.899		1654.341					1654.341	12	
13	0.5		1.417		3249.010	11.9	0.897		2393.941		72.9		0.900		1580.901					1580.901	13	
14	2.0		1.450		3249.560	14.4	0.795		2378.746		85.3		0.879		1494.362					1494.362	14	
15	3.2		1.194		3251.566	15.9	0.768		2368.078		86.5		0.925		1406.937					1406.937	15	
16	4.0		1.003		3254.563	15.9	0.807		2345.371		98.2		0.999		1307.778					1307.778	16	
17	4.0		1.147		3257.416	15.9	0.636		2328.835		106.2		0.785		1200.793					1200.793	17	
18	4.0		1.065		3260.350	18.4	0.816		2309.619		105.1		0.713		1094.980					1094.980	18	
19	5.2		1.091		3254.459	21.1	0.819		2287.700		105.7		0.730		988.350	0.0	0.0			988.350	19	
20	10.9		1.064		3274.295	20.6	0.827		2266.273		111.1		0.358		877.098	6.2	0.002		0.0	6.198	20	
21	13.9		0.789		3287.405	19.8	0.894		2245.579		112.9		0.345		763.853	3.7	0.004		0.894	3.784	21	
22	5.2		0.774		3291.832	19.8	0.755		2225.024		104.0		0.424		699.429	0.0	0.005		0.889	0.889	22	
23	0.0		0.810		3291.022	18.6	0.792		2205.632		114.4		0.320		544.699		0.007		0.882	0.882	23	
24		0.0	1.083		3289.939	19.1	0.903		2185.659		119.5		0.380		424.879		0.007		0.875	0.875	24	
25		0.0	1.072		3242.567	21.1	0.866		2163.663		119.5		0.231		305.148		0.003		0.872	0.872	25	
26		205.6	1.073		2935.892	28.0	0.756		2134.907		120.4		0.140		184.608		0.002		0.870	0.870	26	
27		171.1	0.846		2763.946	33.0	0.824		2101.083		124.3		0.040		60.268		0.003		0.867	0.867	27	
28		60.3	0.749		2702.892	25.0	0.824		2075.259		47.6		0.010		12.658		0.003		0.864	0.864	28	
29		39.7	0.812		2668.385	22.3	0.753		2052.206						0.0		0.003		0.861	0.861	29	
30		90.8	0.892		2570.693	25.0	0.791		2026.415								0.005		0.856	0.856	30	
31		40.2	0.881		2529.612												0.005		0.851	0.851	31	
TOTAL		52.9	759.2	29.284		476.3	26.892				0.9	0009.158	18.157			9.9		0.049			TOTAL	
DAY	NOVEMBER 1979					DECEMBER 1979					JANUARY 1980					FEBRUARY 1980					DAY	
1			0.005		9.846		0.003		9.755		0.001		9.694		0.001		9.674		0.001		9.674	1
2			0.005		9.841		0.004		9.751		0.002		9.692		0.001		9.673		0.001		9.673	2
3			0.005		9.836		0.004		9.747		0.001		9.691		0.001		9.673		0.001		9.673	3
4			0.003		9.833		0.004		9.743		0.001		9.690		0.001		9.673		0.001		9.673	4
5			0.004		9.829		0.003		9.740		0.0		9.690		0.001		9.672		0.001		9.672	5
6			0.004		9.825		0.003		9.737		0.001		9.689		0.0		9.672		0.0		9.672	6
7			0.004		9.821		0.003		9.734		0.001		9.688		0.001		9.671		0.001		9.671	7
8			0.004		9.817		0.004		9.730		0.001		9.687		0.002		9.669		0.002		9.669	8
9			0.003		9.814		0.003		9.727		0.0		9.687		0.002		9.667		0.002	</		

Table C-40 (Cont'd)

UPHILL DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY																																																																		
MARCH 1980																						APRIL 1980																						MAY 1980																						JUNE 1980																					
1			0.001		9.640			0.002		9.592			0.001		9.523			0.003		9.440	1																																																																		
2			0.001		9.639			0.002		9.590			0.003		9.520			0.003		9.437	2																																																																		
3			0.001		9.638			0.003		9.587			0.003		9.517			0.003		9.434	3																																																																		
4			0.001		9.637			0.001		9.586			0.004		9.513			0.003		9.431	4																																																																		
5			0.001		9.636			0.0		9.586			0.003		9.510			0.003		9.428	5																																																																		
6			0.001		9.635			0.002		9.584			0.003		9.507			0.003		9.425	6																																																																		
7			0.002		9.633			0.002		9.582			0.003		9.504			0.003		9.422	7																																																																		
8			0.002		9.631			0.002		9.580			0.003		9.501			0.003		9.419	8																																																																		
9			0.002		9.629			0.003		9.577			0.0		9.501			0.003		9.416	9																																																																		
10			0.001		9.628			0.002		9.575			0.002		9.499			0.003		9.413	10																																																																		
11			0.001		9.627			0.003		9.572			0.002		9.497			0.003		9.410	11																																																																		
12			0.001		9.626			0.004		9.568			0.002		9.495			0.003		9.407	12																																																																		
13			0.001		9.625			0.004		9.564			0.002		9.493			0.003		9.404	13																																																																		
14			0.001		9.624			0.003		9.561			0.002		9.491			0.003		9.401	14																																																																		
15			0.001		9.623			0.003		9.558			0.003		9.488			0.004		9.397	15																																																																		
16			0.002		9.621			0.004		9.554			0.003		9.485			0.003		9.394	16																																																																		
17			0.001		9.620			0.004		9.550			0.004		9.481			0.003		9.391	17																																																																		
18			0.001		9.619			0.003		9.547			0.004		9.477			0.003		9.388	18																																																																		
19			0.002		9.617			0.003		9.544			0.005		9.472			0.003		9.385	19																																																																		
20			0.002		9.615			0.002		9.542			0.004		9.468			0.003		9.382	20																																																																		
21			0.001		9.614			0.003		9.539			0.003		9.465			0.003		9.379	21																																																																		
22			0.002		9.612			0.001		9.538			0.003		9.462			0.003	1906.624	1916.000	22																																																																		
23			0.002		9.610			0.001		9.537			0.002		9.460			0.581		1915.419	23																																																																		
24			0.003		9.607			0.002		9.535			0.002		9.458			0.580		1914.839	24																																																																		
25			0.0		9.607			0.002		9.533			0.003		9.455			0.578	+1.739	1916.000	25																																																																		
26			0.001		9.606			0.003		9.530			0.003		9.452			0.0		1916.000	26																																																																		
27			0.002		9.604			0.003		9.527			0.002		9.450					1916.000	27																																																																		
28			0.002		9.602			0.001		9.526			0.001		9.449					1916.000	28																																																																		
29			0.003		9.599			0.0		9.526			0.002		9.447					1916.000	29																																																																		
30			0.003		9.595			0.002		9.525			0.002		9.445					1916.000	30																																																																		
31			0.002		9.594			0.002		9.524			0.002		9.443					1916.000	31																																																																		
TOTAL			0.047					0.070					0.061					1.806	1908.365		TOTAL																																																																		
JULY 1980																						AUGUST 1980																						SEPTEMBER 1980																						FOOTNOTES																					
1					1916.000	21.8	0.825			1488.999	58.500	0.004			5.105						a All water released to Wutchurna Water Company for transfer.																																																																		
2					1916.000	21.8	0.057			1466.342	5.105	0.0			0.0						b Released because Terminus Reservoir above allowable storage.																																																																		
3					1916.000	21.8	0.802			1443.740	0.0										c Storage adjusted to maximum allowable.																																																																		
4					1916.000	21.8	0.721			1421.819																																																																													
5			0.0		1916.000	21.8	0.726			1398.693																																																																													
6			9.9	0.663	1905.437	23.1	0.732			1374.861																																																																													
7			15.9	0.661	1888.876	23.8	0.709			1350.352																																																																													
8			15.9	0.659	1872.317	23.8	0.715			1325.856																																																																													
9			15.9	0.655	1855.812	23.8	0.776			1301.860																																																																													
10			15.9	0.649	1839.283	26.3	0.774			1274.186																																																																													
11			15.9	0.678	1822.705	26.2	0.747			1246.939																																																																													
12			15.9	0.625	1806.180	26.1	0.721			1224.118																																																																													
13			15.9	0.754	1789.586	45.8	0.686			1177.632																																																																													
14			15.9	0.703	1772.985	51.6	0.529			1125.903																																																																													
15			15.9	0.778	1756.247	50.6	0.436			1074.467																																																																													
16			13.4	0.833	1742.014	57.3	0.440			1016.687																																																																													
17			11.9	0.704	1729.410	60.7	0.469			955.498																																																																													
18			11.9	0.705	1716.804	62.8	0.439			890.259																																																																													
19			11.9	0.709	1704.195	63.5	0.341			828.418																																																																													
20			11.9	0.846	1691.449	63.5	0.412			764.506																																																																													
21			11.9	0.984	1678.565	63.5	0.362			700.644																																																																													
22			11.9	0.933	1665.732	63.5	0.296			636.848																																																																													
23			11.9	0.777	1653.055	63.5	0.307			573.041																																																																													
24			13.2	0.941	1638.914	63.5	0.355			509.215																																																																													
25			13.9	0.995	1624.419	63.5	0.291			445.424																																																																													
26			13.9	0.871	1609.648	63.5	0.219			381.705																																																																													
27			13.9	0.878	1594.870	63.5	0.192			318.013																																																																													
28			16.4	0.935	1577.734	63.5	0.172			254.341																																																																													
29			20.3	0.830	1556.404	63.5	0.113			190.788																																																																													
30			21.8	0.474	1534.130	63.5	0.074			127.154																																																																													
31			21.8	0.705	1511.624	63.5	0.045			63.609																																																																													
TOTAL			384.9	19.476		1432.7	15.315				63.605	0.004									TOTAL																																																																		

Table C-41

NODOC DITCH COMPANY

DAY	OCTOBER 1975					NOVEMBER 1975					DECEMBER 1975					JANUARY 1976					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1						0.001				7.956			0.001		7.903			0.001		7.872	1
2						0.002				7.954			0.001		7.902			0.001		7.871	2
3						0.003				7.951			0.001		7.901			0.001		7.870	3
4						0.003				7.948			0.002		7.899			0.001		7.869	4
5						0.001				7.947			0.002		7.897			0.001		7.868	5
6						0.0				7.947			0.001		7.896			0.001		7.867	6
7						0.001				7.946			0.001		7.895			0.001		7.866	7
8						0.0				7.946			0.001		7.894			0.001		7.865	8
9						0.001				7.945			0.001		7.893			0.001		7.864	9
10	0.0					0.001				7.944			0.001		7.892			0.001		7.863	10
11	2.5		0.001		2.499	0.002				7.942			0.001		7.891			0.0		7.863	11
12	1.5		0.002		3.997	0.003				7.939			0.0		7.891			0.0		7.863	12
13	0.0		0.002		3.999	0.003				7.936			0.0		7.891			0.001		7.862	13
14			0.003		3.991	0.005				7.931			0.001		7.890			0.001		7.861	14
15					3.990	0.005				7.926			0.001		7.889			0.001		7.860	15
16			0.002		3.988	0.002				7.924			0.001		7.888			0.002		7.858	16
17			0.002		3.986	0.001				7.923			0.001		7.887			0.002		7.856	17
18			0.001		3.985	0.002				7.921			0.001		7.886			0.002		7.854	18
19			0.001		3.984	0.002				7.919			0.002		7.884			0.001		7.853	19
20			0.003		3.981	0.002				7.917			0.001		7.883			0.002		7.851	20
21			0.003		3.978	0.002				7.915			0.002		7.881			0.002		7.849	21
22			0.002		3.976	0.002				7.913			0.001		7.880			0.003		7.846	22
23			0.002		3.974	0.002				7.911			0.0		7.880			0.003		7.843	23
24			0.002		3.972	0.001				7.910			0.001		7.879			0.001		7.842	24
25			0.002		3.970	0.002				7.908			0.001		7.878			0.001		7.841	25
26	0.0		0.001		3.969	0.002				7.906			0.001		7.877			0.003		7.838	26
27	2.5		0.002		6.467	0.001				7.905			0.0		7.877			0.003		7.835	27
28	1.5		0.002		7.965	0.0				7.905			0.001		7.876			0.003		7.832	28
29	0.0		0.005		7.960	0.0				7.905			0.001		7.875			0.003		7.829	29
30			0.001		7.959	0.001				7.904			0.001		7.874			0.003		7.826	30
31			0.002		7.957	0.001				7.904			0.001		7.873			0.003		7.823	31
TOTAL	8.0		0.043			0.053							0.031					0.050			TOTAL
DAY	FEBRUARY 1976					MARCH 1976					APRIL 1976					MAY 1976					DAY
1			0.003		7.820	59.6		0.008		67.375	0.073		249.833	122.4		0.512		1229.670	1		
2			0.003		7.817	47.2		0.034		114.561	0.090		249.213	136.3		0.550		1425.420	2		
3			0.003		7.814	6.8		0.015		121.346	0.053		249.090	132.4		0.653		1557.167	3		
4			0.0		7.814	0.0		0.014		121.332	0.017		249.073	126.7		0.689		1663.178	4		
5			0.002		7.812			0.042		121.290	0.034		249.039	112.3		0.576		1794.908	5		
6			0.001		7.811			0.008		121.262	0.085		248.994	94.2		0.523		1888.979	6		
7			0.0		7.811			0.041		121.221	0.061		248.957	87.7		0.771		1975.508	7		
8			0.0		7.811			0.040		121.181	0.050		251.837	87.7		0.903		2046.160	8		
9			0.0		7.811			0.013		121.168	0.050		256.787	106.0		1.060		2167.118	9		
10			0.001		7.810			0.013		121.155	0.050		256.737	109.5		1.009		2275.609	10		
11			0.001		7.809			0.013		121.142	0.033		256.704	125.2		0.953		2399.856	11		
12			0.001		7.808			0.037		121.105	0.048		256.656	128.6		1.509		2526.947	12		
13			0.001		7.807			0.037		121.068	0.054		256.608	126.5		1.716		2651.731	13		
14			0.001		7.806			0.036		121.032	0.063		256.539	128.2		1.657		2778.276	14		
15			0.001		7.805	0.0		0.035		120.997	0.046		256.493	130.3		1.510		2907.064	15		
16			0.001		7.804			0.048		120.949	0.090		256.401	135.4		1.549		3040.913	16		
17			0.001		7.803	31.0		0.068		145.581	0.091		256.310	127.9		1.489		3167.226	17		
18			0.002		7.801	59.9		0.054		198.427	0.075		256.235	89.2		1.309		3255.217	18		
19			0.001		7.800	30.0		0.082		228.345	0.103		256.132	69.4		1.323		3383.294	19		
20			0.001		7.799	3.0		0.081		231.264	0.119		301.113	69.4		1.333		3391.361	20		
21			0.002		7.797	0.0		0.080		231.184	0.148		383.765	70.3		1.450		3460.211	21		
22			0.002		7.795	0.059		0.059		231.125	0.177		471.788	62.6		1.284		3521.537	22		
23			0.002		7.793	0.058		0.058		231.067	0.136		550.292	57.7		1.471		3577.286	23		
24			0.001		7.791	0.0		0.076		230.991	0.265		646.727	56.9		1.378		3631.308	24		
25			0.001		7.790	6.8		0.058		237.733	0.330		734.907	50.6		1.595		3682.313	25		
26			0.002		7.788	9.1		0.098		246.735	0.362		821.435	47.3		1.921		3727.692	26		
27			0.002		7.786	3.0		0.039		249.696	0.394		908.341	24.6		2.131		3750.161	27		
28			0.002		7.784	0.0		0.077		249.619	0.422		988.619	10.9		1.591		3759.470	28		
29			0.001		7.783	0.059		0.059		249.530	0.450		1073.669	4.1		1.581		3761.989	29		
30						0.113		0.113		249.417	0.487		1167.792	0.0		1.852		3765.627	30		
31						0.111		0.111		249.306	0.459					1.459		3759.168	31		
TOTAL			0.040			243.1		1.577			923.0		4.524			8630.3		38.914			TOTAL
DAY	JUNE 1976					JULY 1976					AUGUST 1976					SEPTEMBER 1976					DAY
1			1.658		3757.510	117.9		0.944		1583.052	1.658			0.121		0.119		323.058	1		
2			1.443		3756.067	121.5		1.020		1460.532	1.536			0.119		0.119		322.939	2		
3			1.536		3754.531	122.5		0.838		1337.194	1.577			0.157		0.157		322.782	3		
4			1.735		3752.796	122.6		0.892		1231.702	1.555			0.155		0.155		322.627	4		
5			1.638		3751.154	122.6		0.835		1090.267	1.492			0.135		0.135		322.492	5		
6			1.530		3749.634	122.6		0.703		966.964	1.414			0.114		0.114		322.378	6		
7			1.327		3748.307	122.6		0.632		843.732	1.332			0.075		0.075		322.303	7		
8			1.128		3747.179	122.6		0.556		720.376	1.250			0.057		0.057		322.266	8		
9			1.219		3674.060	122.6		0.444		597.532	1.168			0.037		0.037		322.229	9		
10	71.9		0.601		3558.359	122.6		0.415		474.517	1.1			0.032		0.032		322.196	10		
11	102.0		1.184		3455.175	122.6		0.297		351.620	1.0			0.034		0.034		322.102	11		
12	87.6		1.465		3366.110	122.6		0.187		228.833	0.916			0.016		0.016		322.030	12		
13	69.6		1.558		3294.952	122.6		0.096		106.137	0.833			0.013		0.013		321.995	13		
14	87.4		1.884		3205.711	106.137			0.0		0.751			0.015		0.015		321.907	14		
15	102.9		2.094		3100.717						0.625			0.025		0.025		321.751	15		
16	102.6		1.907		2996.210					63.9	0.557			0.017		0.017		3			

Table C-41 (Cont'd)

MODOC DITCH COMPANY

DAY	JUNE 1977					JULY 1977					AUGUST 1977					SEPTEMBER 1977					DAY	
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1	98.1	0.672			1042.544	1.067				1697.324	76.0	0.645			615.210	0.101				82.381	1	
2	86.1	0.579			1130.055	1.210				1696.104	76.0	0.586			598.624	0.090				82.291	2	
3	84.3	0.705			1213.659	1.162				1694.942	64.1	0.194			474.030	0.104				82.187	3	
4	87.2	0.799			1305.055	1.049				1693.893	36.7	0.362			436.968	0.105				82.082	4	
5	70.9	0.670			1370.295	1.065				1692.828	22.9	0.590			413.678	0.120				81.962	5	
6	43.7	0.735			1411.060	1.149				1691.679	21.9	0.347			391.431	0.121				81.841	6	
7	16.4	0.899			1428.765	1.206				1690.373	21.9	0.270			369.261	0.122				81.719	7	
8	36.5	0.987			1466.678	1.188				1689.185	23.6	0.325			343.136	0.123				81.596	8	
9	89.7	0.167			1556.211	1.282				1687.903	28.2	0.308			324.628	0.124				81.472	9	
10	92.6	0.458			1648.353	1.232				1686.674	32.5	0.315			281.813	0.112				81.350	10	
11	54.2	0.703			1701.850	1.255				1685.416	40.5	0.253			241.060	0.095				81.275	11	
12	13.6	0.762			1724.888	1.253		0.0		1684.063	48.7	0.208			192.152	0.072				81.203	12	
13	0.0	0.795			1724.132	1.250	34.0			1682.713	64.3	0.144			127.706	0.073				81.130	13	
14		0.753			1713.379	1.230	54.4			1592.983	30.7	0.113			96.895	0.076				81.054	14	
15		0.865			1712.514	1.225	38.0			1553.656	6.9	0.107			87.888	0.073				80.991	15	
16		0.805			1721.709	1.066	10.6			1542.089	4.1	0.042			83.746	0.032				80.959	16	
17		0.917			1710.792	1.295	0.0			1540.794	0.0	0.021			83.735	0.080				80.879	17	
18		0.802			1709.990	1.247	0.0			1539.547	0.045	0.045			83.690	0.064				80.815	18	
19		0.809			1709.190	1.235	0.0			1538.292	0.093	0.093			83.597	0.048				80.757	19	
20		0.689			1708.501	1.221	17.1			1520.041	0.094	0.094			83.503	0.061				80.703	20	
21		0.923			1707.578	1.193	57.7			1461.140	0.094	0.094			83.409	0.054				80.639	21	
22		1.098			1706.480	1.233	76.0			1423.911	0.116	0.116			83.309	0.081				80.555	22	
23		1.102			1705.378	1.049	76.0			1306.862	0.094	0.094			83.209	0.097				80.461	23	
24		0.993			1704.385	1.015	76.0			1229.847	0.106	0.106			83.103	0.091				80.380	24	
25		0.997			1703.388	0.977	76.0			1152.870	0.083	0.083			83.000	0.065				80.325	25	
26		1.053			1702.325	1.005	76.0			1075.865	0.072	0.072			82.946	0.065				80.250	26	
27		1.134			1701.191	0.832	76.0			999.033	0.084	0.084			82.864	0.066				80.184	27	
28		0.959			1700.088	0.951	76.0			922.132	0.097	0.097			82.767	0.066				80.118	28	
29		0.855			1699.433	0.862	76.0			845.320	0.098	0.098			82.669	0.060				80.068	29	
30		1.052			1698.361	0.863	76.0			768.457	0.099	0.099			82.570	0.067				80.001	30	
31						0.602	76.0			691.855	0.088	0.088			82.482					79.931	31	
TOTAL	771.5		84.235			972.6 ^a	34.726				603.2 ^a	6.173										TOTAL
DAY	OCTOBER 1977					NOVEMBER 1977					DECEMBER 1977					JUNE 1978					DAY	
1		0.067			79.934	0.035				77.972	0.016				77.144	0.035						1
2		0.089			79.849	0.093				77.919	0.016				77.128	0.016						2
3		0.102			79.747	0.075				77.866	0.016				77.112	0.016						3
4		0.089			79.662	0.017				77.849	0.016				77.096	0.016						4
5		0.069			79.593	0.018				77.831	0.015				77.081	0.015						5
6		0.034			79.559	0.035				77.796	0.015				77.065	0.015						6
7		0.068			79.491	0.035				77.761	0.015				77.051	0.015						7
8		0.068			79.423	0.035				77.726	0.015				77.036	0.015						8
9		0.068			79.355	0.034				77.692	0.015				77.021	0.015						9
10		0.069			79.286	0.034				77.656	0.015				77.006	0.015						10
11		0.086			79.200	0.051				77.607	0.030				76.976	0.030						11
12		0.086			79.114	0.034				77.573	0.0				76.975	0.015						12
13		0.069			79.045	0.017				77.556	0.015				76.961	0.015						13
14		0.087			78.998	0.034				77.522	0.015				76.946	0.015						14
15		0.087			78.871	0.034				77.488	0.015				76.931	0.015						15
16		0.088			78.783	0.034				77.454	0.0				76.916	0.015						16
17		0.072			78.711	0.033				77.421	5.0	0.013			81.903	0.013						17
18		0.071			78.640	0.033				77.388	6.1	0.013			87.990	0.013						18
19		0.053			78.587	0.050				77.336	6.1	0.014			96.076	0.014						19
20		0.053			78.534	0.017				77.321	3.7	0.015			99.763	0.015						20
21		0.053			78.461	0.017				77.304	0.0	0.015			99.746	0.015						21
22		0.053			78.428	0.016				77.288	0.0	0.029			99.717	0.029						22
23		0.053			78.375	0.016				77.272	6.2	0.015			109.902	0.015						23
24		0.053			78.322	0.016				77.256	3.7	0.029			109.573	0.029						24
25		0.053			78.269	0.016				77.240	0.0	0.014			109.559	0.014						25
26		0.053			78.216	0.016				77.224	5.2	0.0			114.759	0.0						26
27		0.053			78.163	0.016				77.208	19.2	0.013		133.946	0.0							27
28		0.034			78.129	0.016				77.192	0.0	0.029			117.232	0.029						28
29		0.052			78.077	0.016				77.176	34.5	1.232			4214.701	1.232						29
30		0.034			78.043	0.016				77.160	18.8	1.254			4194.707	1.254						30
31		0.036			78.007	0.016				77.145												31
TOTAL		1.994				0.847					57.8	0.414		133.946 ^b		75.6		3.693				TOTAL
DAY	JULY 1978					AUGUST 1978					FEBRUARY 1979					MARCH 1979					DAY	
1		11.2			4182.110	1.707				3073.910					18.6	0.053				289.026	1	
2		14.4			4166.393	1.718				2985.592					18.6	0.055				307.571	2	
3		6.4			4196.558	1.727				2885.665					11.9	0.085				319.386	3	
4		4.0			4151.130	1.812				2783.359					65.8	0.066				331.200	4	
5		1.422			4145.708	1.740				2682.819						0.100				396.900	5	
6	0.0	0.3	1.546		4143.862	1.700				2583.419												6
7	0.7	1.679			4142.883	1.735				2484.464					104.7	0.122				501.478	7	
8	0.0	2.5	1.681		4138.702	1.307				2383.457					103.6	0.189				604.889	8	
9		1.5	1.874		4135.328	1.14.8				2282.266					98.7	0.211				701.378	9	
10		7.4	1.816		4126.112	1.19.3				2186.495					95.8	0.227				798.951	10	
11															89.2	0.241				892.210	11	
12		13.1	1.514		4111.498	1.261				2084.634					93.8	0.191				981.819	12	
13		7.7	1.445		4102.353	1.246																

Table C-41 (Cont'd)

MDDC DITCH COMPANY

DAY	APRIL 1979					MAY 1979					JUNE 1979					JULY 1979					DAY		
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE			
1	107.9		0.393		3072.489	33.6		1.298		5705.817	0.0		2.767		6173.290	82.6		2.042		4535.793	1		
2	108.1		0.763		3180.026	46.6		1.231		5751.186	3.7		2.678		6166.912	76.8		1.793		4437.200	2		
3	103.1		0.775		3882.351	30.8		1.573		5780.413	6.0		2.409		6159.503	73.9		1.626		4301.674	3		
4	109.8		0.894		3387.257	28.3		1.731		5806.982	12.2		2.133		6144.170	60.7		1.621		4299.453	4		
5	113.1		0.907		3499.450	35.7		1.665		5841.017	15.9		2.266		6125.984	90.3		1.941		4207.512	5		
6	118.5		0.456		3617.494	23.3		1.484		5862.833	15.9		2.583		6107.561	102.5		1.695		4103.317	6		
7	119.8		0.691		3736.603	6.0		0.898		5867.935	28.3		2.097		6077.164	103.9		1.768		3997.649	7		
8	116.3		0.932		3851.971	9.9		0.664		5877.171	37.0		2.597		6037.567	97.2		1.927		3896.928	8		
9	118.5		0.707		3969.764	15.3		1.438		5890.333	46.4		2.586		5988.579	96.1		2.247		3800.175	9		
10	115.1		0.833		4084.031	32.0		1.771		5921.762	51.6		2.743		5934.236	114.9		1.839		3683.436	10		
11	104.4		0.725		4187.706	41.7		1.998		5961.464	51.6		3.065		5879.571	143.4		1.905		3536.531	11		
12	93.9		0.732		4280.874	41.7		2.417		6000.727	52.8		2.476		5824.295	157.2		1.714		3379.617	12		
13	107.7		0.987		4384.587	35.5		2.632		6033.595	48.6		2.068		5773.627	168.8		1.827		3268.990	13		
14	118.1		1.283		4501.444	31.7		2.705		6062.590	50.6		1.911		5721.116	206.6		1.765		3000.625	14		
15	106.7		1.369		4606.775	25.5		2.234		6066.856	56.0		1.841		5663.275	204.5		1.637		2794.888	15		
16	98.2		1.247		4703.728	21.8		1.801		6105.775	56.8		1.928		5602.547	217.6		1.889		2574.599	16		
17	98.2		0.874		4801.054	20.6		2.156		6124.219	68.0		1.513		5539.034	252.3		1.516		2380.783	17		
18	95.1		1.013		4895.141	19.8		2.009		6142.010	69.7		1.335		5467.403	262.4		1.340		2087.483	18		
19	90.1		1.151		4984.090	19.8		2.058		6159.752	75.9		1.930		5389.573	285.9		1.307		1759.436	19		
20	89.5		1.299		5072.291	19.8		2.008		6177.544	66.2		1.943		5321.430	314.3		1.384		1454.952	20		
21	94.0		1.312		5164.979	19.8		1.487		6195.857	59.5		2.094		5259.836	322.4		0.512		1132.040	21		
22	97.5		1.326		5261.153	7.4		1.458		6201.799	59.5		1.763		5195.573	308.8		0.533		827.707	22		
23	98.2		1.134		5358.019	0.0		1.526		6200.273	57.0		1.846		5139.727	302.8		0.318		524.989	23		
24	98.2		1.054		5454.866	0.0		2.840		6142.293	58.0		2.099		5079.628	298.5		0.170		285.919	24		
25	94.8		1.059		5508.581	21.14		2.114		6196.110	62.0		2.097		5015.621	295.9		0.0		0.0	0.0	25	
26	28.8		0.893		5536.578	2.268		2.268		6193.851	72.2		1.750		4941.671	294.1		0.0		0.0	0.0	26	
27	32.5		1.058		5628.020	1.891		1.891		6192.956	79.9		1.306		4859.865	292.5		0.0		0.0	0.0	27	
28	36.0		1.171		5602.840	1.715		1.715		6190.241	75.1		1.900		4782.268	291.0		0.0		0.0	0.0	28	
29	36.7		1.534		5638.015	0.0		1.888		6188.353	77.6		1.727		4703.535	290.5		0.0		0.0	0.0	29	
30	36.7		1.260		5673.455	5.0		2.146		6181.207	81.3		1.803		4620.435	289.0		0.0		0.0	0.0	30	
31						3.0		2.150		6176.057											0.0	31	
TOTAL	2738.7		30.157			567.1		8.0		56.498			1491.3		64.322					4985.5	34.216		TOTAL
DAY	OCTOBER 1979					NOVEMBER 1979					DECEMBER 1979					JANUARY 1980					DAY		
1						0.002				3.979	0.001				3.939	0.0				3.909	1		
2						0.002				3.977	0.002				3.937	0.001				3.908	2		
3						0.002				3.975	0.002				3.935	0.0				3.908	3		
4						0.001				3.974	0.002				3.933	0.0				3.908	4		
5						0.002				3.972	0.001				3.932	0.0				3.908	5		
6						0.002				3.970	0.001				3.931	0.001				3.907	6		
7						0.002				3.968	0.001				3.930	0.001				3.906	7		
8						0.002				3.966	0.002				3.928	0.001				3.906	8		
9						0.001				3.965	0.001				3.927	0.0				3.905	9		
10						0.001				3.964	0.001				3.926	0.0				3.905	10		
11						0.001				3.963	0.0				3.925	0.001				3.905	11		
12						0.002				3.961	0.0				3.924	0.001				3.905	12		
13						0.002				3.959	0.001				3.924	0.001				3.905	13		
14						0.001				3.958	0.001				3.923	0.001				3.905	14		
15						0.002				3.956	0.001				3.922	0.001				3.905	15		
16						0.002				3.954	0.001				3.921	0.001				3.905	16		
17						0.001				3.953	0.001				3.920	0.001				3.905	17		
18						0.001				3.952	0.002				3.918	0.001				3.905	18		
19	0.0		0.0		0.0	0.001				3.951	0.001				3.917	0.001				3.905	19		
20	2.5		0.001		2.499	0.001				3.950	0.001				3.916	0.001				3.905	20		
21	1.5		0.001		3.998	0.001				3.949	0.0				3.916	0.001				3.905	21		
22	0.0		0.002		3.996	0.001				3.948	0.001				3.915	0.001				3.905	22		
23			0.003		3.993	0.001				3.947	0.001				3.914	0.001				3.905	23		
24			0.003		3.990	0.001				3.946	0.001				3.913	0.001				3.905	24		
25			0.001		3.989	0.001				3.945	0.001				3.912	0.001				3.905	25		
26			0.001		3.988	0.001				3.944	0.0				3.912	0.001				3.905	26		
27			0.001		3.987	0.001				3.943	0.001				3.911	0.001				3.905	27		
28			0.001		3.986	0.001				3.942	0.001				3.910	0.001				3.905	28		
29			0.001		3.985	0.001				3.941	0.001				3.909	0.001				3.905	29		
30			0.002		3.983	0.001				3.940	0.0				3.909	0.0				3.905	30		
31			0.002		3.981	0.001				3.940	0.0				3.909	0.0				3.905	31		
TOTAL			4.0		0.019			0.041					0.031							0.004		TOTAL	
DAY	FEBRUARY 1980					MARCH 1980					APRIL 1980					MAY 1980					DAY		
1					3.905					3.894	0.001				3.874	0.001							

Table C-41 (Cont'd)

MOODIC DITCH COMPANY

DAY	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	DAY
	JUNE 1980					JULY 1980					AUGUST 1980					FOOTNOTES					
1			0.001		3,812					4791.000		93.3	1.685	3292.752	a						1
2			0.001		3,811					4791.000		93.3	1.868	3197.574	b						2
3			0.001		3,810					4791.000		93.3	1.783	3102.551	c						3
4			0.001		3,809					4791.000		99.5	1.523	3001.528							4
5			0.001		3,808		0.0	0.0		4791.000		103.2	1.504	2896.824							5
6			0.001		3,807		37.2	1.694		4752.146		110.6	1.482	2784.742							6
7			0.001		3,806		59.5	1.642		4621.004		121.3	1.399	2662.044							7
8			0.001		3,805		53.3	1.632		4636.072		125.0	1.370	2539.674							8
9			0.001		3,804		44.6	1.497		4589.979		125.0	1.437	2409.237							9
10			0.001		3,803		47.6	1.553		4540.628		128.7	1.384	2279.153							10
11			0.001		3,802		51.5	1.670		4487.452		117.3	1.295	2160.598							11
12			0.001		3,801		51.5	1.535		4434.417		112.6	1.206	2046.552							12
13			0.001		3,800		57.7	1.583		4378.274		117.6	1.123	1927.829							13
14			0.001		3,799		55.3	1.706		4317.868		127.7	0.846	1799.293							14
15			0.001		3,798		51.5	1.890		4264.478		134.1	0.676	1664.507							15
16			0.001		3,797		51.5	2.014		4210.964		137.4	0.721	1526.386							16
17			0.001		3,796		51.5	1.693		4157.771		136.4	0.712	1389.274							17
18			0.001		3,795		61.5	1.684		4094.287		136.2	0.617	1252.457							18
19			0.001		3,794		68.7	1.675		4028.212		136.1	0.459	1113.668							19
20			0.001		3,793		69.4	1.977		3952.835		136.9	0.526	978.472							20
21			0.001		3,792		69.4	2.275		3861.159		136.9	0.432	835.140							21
22			0.001	+4787.2	4791.000		68.2	2.135		3810.824		136.9	0.323	695.917							22
23			1.452		4789.548		47.6	1.769		3761.455		136.9	0.298	556.719							23
24			1.451		4789.097		37.0	2.138		3722.317		136.9	0.267	417.552							24
25			1.446	-4.4	4791.000		37.7	1.949		3683.668		136.9	0.182	278.470							25
26			0.0		4791.000		37.7	1.972		3643.996		151.3	0.073	127.097							26
27					4791.000		38.9	1.983		3602.713		127.1	0.0	0.0							27
28					4791.000		36.5	2.114		3562.959											28
29					4791.000		41.4	1.877		3518.822											29
30					4791.000		49.9	1.072		3467.650											30
31					4791.000		78.4	1.593		3387.867											31
TOTAL			4.371	+4791.6			1357.2	45.933				3362.6	25.270								TOTAL
DAY																					DAY
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
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24																					24
25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL

Table C-42

ST. JOHNS DITCH COMPANY

DAY	OCTOBER 1975				NOVEMBER 1975				DECEMBER 1975				JANUARY 1976				DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE		
1																1	
2																2	
3																3	
4																4	
5																5	
6																6	
7																7	
8																8	
9																9	
10																10	
11	7.4		0.003		7.397											11	
12	11.9		0.010		19.287											12	
13	4.5		0.012		23.775											13	
14	0.0		0.012		23.763											14	
15			0.016		23.747											15	
16			0.017		23.735											16	
17			0.011		23.724											17	
18			0.008		23.716											18	
19			0.008		23.708											19	
20			0.015		23.693											20	
21			0.015		23.678											21	
22			0.011		23.667											22	
23			0.013		23.656											23	
24			0.011		23.645											24	
25			0.011		23.634											25	
26	0.0		0.004		23.630											26	
27	7.4		0.009		31.021											27	
28	4.5		0.010		35.511											28	
29	0.0		0.020		35.491											29	
30			0.005		35.486											30	
31			0.010		35.476											31	
TOTAL	35.7		0.224													TOTAL	
DAY	FEBRUARY 1976				MARCH 1976				APRIL 1976				MAY 1976				DAY
1			0.013		34.817	31.5										1	
2			0.013		34.804	18.9										2	
3			0.013		34.791	0.0										3	
4			0.0		34.791											4	
5			0.007		34.784											5	
6			0.007		34.777											6	
7			0.0		34.777											7	
8			0.0		34.777											8	
9			0.0		34.777											9	
10			0.006		34.771											10	
11			0.006		34.765											11	
12			0.006		34.759											12	
13			0.006		34.753											13	
14			0.006		34.747											14	
15			0.006		34.741											15	
16			0.006		34.735											16	
17			0.005		34.730											17	
18			0.011		34.719											18	
19			0.005		34.714											19	
20			0.005		34.709											20	
21			0.010		34.699											21	
22			0.010		34.689											22	
23			0.010		34.679											23	
24			0.010		34.669											24	
25			0.005		34.664											25	
26			0.010		34.654											26	
27			0.010		34.644											27	
28			0.009		34.635											28	
29			0.005		34.630											29	
30																30	
31																31	
TOTAL			0.200			50.4		0.724			404.1		1.756		901.5	TOTAL	
DAY	JUNE 1976				JULY 1976				OCTOBER 1976				NOVEMBER 1976				DAY
1			0.606		1372.548	41.8										1	
2			0.527		1372.021	43.1										2	
3			0.561		1371.460	43.3										3	
4			0.634		1370.826	43.2										4	
5			0.596		1370.230	43.2										5	
6			0.559		1369.671	43.2										6	
7			0.485		1369.186	43.2										7	
8			0.412		1368.774	43.2										8	
9	32.0		0.346		1336.398	43.2										9	
10	51.2		0.218		1284.910	43.2										10	
11			0.428		1239.882	43.2										11	
12			0.527		1202.095	43.2										12	
13			0.559		1172.996	43.2										13	
14			0.655		1140.241	44.586										14	
15			0.745		1102.896											15	
16			0.678		1065.918											16	
17			0.571		1030.347											17	
18			0.544		999.103											18	
19			0.506		959.497											19	
20			0.528		926.269											20	
21			0.520		894.749											21	
22			0.511		863.338											22	
23			0.532		831.406											23	
24			0.513		800.251											24	
25			0.515		770.638											25	
26			0.534		741.504											26	
27			0.634		711.170											27	
28			0.540		680.530											28	
29			0.499		646.731											29	
30			0.404		607.627											30	
31																31	
TOTAL	74.9,4*		16.127			504.786		2.811			179.4		156.5		2.280	TOTAL	

Table C-42 (Cont'd)

ST. JAMES DITCH COMPANY

DAY	FEBRUARY 1980					MARCH 1980					APRIL 1980					MAY 1980					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1			0.002		11.699			0.001		11.592			0.003		11.533			0.002		11.451	1
2			0.001		11.688			0.001		11.591			0.003		11.530			0.004		11.447	2
3			0.0		11.688			0.001		11.590			0.003		11.527			0.003		11.444	3
4			0.0		11.688			0.001		11.589			0.001		11.526			0.005		11.439	4
5			0.001		11.627			0.001		11.588			0.0		11.526			0.004		11.435	5
6			0.0		11.627			0.001		11.587			0.003		11.523			0.003		11.432	6
7			0.001		11.625			0.002		11.585			0.002		11.521			0.003		11.429	7
8			0.002		11.624			0.002		11.583			0.003		11.518			0.004		11.425	8
9			0.002		11.622			0.002		11.581			0.003		11.515			0.0		11.425	9
10			0.002		11.620			0.001		11.580			0.003		11.512			0.002		11.423	10
11			0.002		11.618			0.002		11.578			0.004		11.508			0.002		11.421	11
12			0.002		11.616			0.001		11.577			0.004		11.504			0.002		11.419	12
13			0.0		11.616			0.002		11.575			0.004		11.500			0.002		11.417	13
14			0.0		11.616			0.002		11.573			0.003		11.497			0.002		11.415	14
15			0.001		11.615			0.002		11.571			0.003		11.494			0.003		11.412	15
16			0.001		11.614			0.002		11.569			0.004		11.490			0.004		11.408	16
17			0.001		11.613			0.002		11.567			0.005		11.485			0.005		11.403	17
18			0.002		11.612			0.001		11.566			0.004		11.481			0.005		11.398	18
19			0.004		11.608			0.002		11.564			0.004		11.477			0.006		11.392	19
20			0.001		11.607			0.003		11.561			0.003		11.474			0.005		11.387	20
21			0.002		11.605			0.001		11.560			0.003		11.471			0.003		11.384	21
22			0.002		11.604			0.003		11.557			0.002		11.469			0.003		11.381	22
23			0.001		11.603			0.003		11.554			0.002		11.468			0.002		11.379	23
24			0.001		11.602			0.003		11.551			0.002		11.466			0.002		11.377	24
25			0.002		11.600			0.0		11.551			0.003		11.463			0.003		11.374	25
26			0.002		11.598			0.001		11.550			0.003		11.460			0.003		11.371	26
27			0.002		11.596			0.002		11.548			0.003		11.457			0.003		11.368	27
28			0.002		11.594			0.002		11.546			0.002		11.455			0.002		11.366	28
29			0.001		11.593			0.003		11.543			0.0		11.455			0.002		11.364	29
30								0.004		11.539			0.002		11.453			0.003		11.361	30
31								0.003		11.536								0.003		11.358	31
TOTAL			0.037					0.057					0.083					0.095			TOTAL
DAY	JUNE 1980					JULY 1980					AUGUST 1980					SEPTEMBER 1980					DAY
1			0.003		11.355					671.000		4.0	0.364		656.490		19.6	0.131		188.776	1
2			0.003		11.352					671.000		4.0	0.361		652.109		19.6	0.122		168.654	2
3			0.003		11.349					671.000		4.0	0.360		647.749		19.6	0.112		148.942	3
4			0.003		11.346					671.000		4.0	0.356		643.423		19.0	0.108		129.034	4
5			0.003		11.343		0.0			671.000		4.0	0.352		639.091		19.6	0.094		109.150	5
6			0.003		11.340		0.234			670.766		4.0	0.348		634.753		19.8	0.077		89.273	6
7			0.004		11.336		0.235			670.531		4.0	0.333		630.422		19.6	0.066		69.427	7
8			0.004		11.332		0.236			670.295		4.0	0.326		626.094		19.8	0.055		49.582	8
9			0.004		11.328		0.219			670.076		4.0	0.321		621.773		19.8	0.080		29.772	9
10			0.004		11.324		0.229			669.847		6.9	0.322		617.441		19.8	0.005		9.964	10
11			0.004		11.320		0.249			669.598		10.7	0.360		601.381		10.0			0.0	11
12			0.003		11.317		0.232			669.366		13.6	0.346		587.435						12
13			0.003		11.314		0.228			669.084		18.4	0.333		568.704						13
14			0.004		11.310		0.264			668.880		19.8	0.298		548.646						14
15			0.004		11.306		0.296			668.524		19.8	0.215		528.631						15
16			0.004		11.302		0.320			668.204		19.6	0.240		508.591						16
17			0.004		11.298		0.272			667.932		19.6	0.250		488.541						17
18			0.004		11.294		0.275			667.657		19.6	0.231		468.510						18
19			0.004		11.290		0.278			667.379		19.8	0.185		448.525						19
20			0.003		11.287		0.334			667.045		19.8	0.231		428.494						20
21			0.004		11.283		0.391			666.654		19.8	0.211		408.483						21
22			0.003		671.000		0.373			666.281		19.8	0.180		388.503						22
23			0.204	+659.7	670.796		0.313			665.968		19.6	0.197		368.526						23
24			0.203		670.593		0.382			665.586		19.8	0.223		348.483						24
25			0.203	+0.6	671.000		0.244			665.342		19.8	0.215		328.466						25
26			0.0		671.000		0.360			664.982		19.6	0.177		308.491						26
27					671.000		0.366			664.616		19.8	0.174		288.517						27
28					671.000		0.394			664.222		19.8	0.181		268.536						28
29					671.000		0.354			663.868		19.8	0.148		248.558						29
30					671.000		0.205			663.663		19.6	0.134		228.634						30
31					671.000		2.5			660.854		19.8	0.147		208.707						31
TOTAL			0.688	+660.3			2.5	7.646				444.0	8.147				208.0	0.743			TOTAL
DAY	FOOTNOTES																				DAY
1	a 202.8 acre-feet released for diversion in St. Johns; 546.6 acre-feet diverted to Hedoc Ditch Company.																				1
2	b All water released to Matchama Water Company for transfer.																				2
3	c Released because Terlene Reservoir above allowable storage.																				3
4	d Storage adjusted to maximum allowable.																				4
5																					5
6																					6
7																					7
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25																					25
26																					26
27																					27
28																					28
29																					29
30																					30
31																					31
TOTAL																					TOTAL

Table C-44

OPERATIONS POOL

DAY	OCTOBER 1975					NOVEMBER 1975					MARCH 1976					APRIL 1976					DAY		
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE			
1																							
2										191.449	22.266				22.264	18.6				603.019	1		
3										191.396	24.5				46.758	18.6				621.395	2		
4										72.366	18.6				65.350	18.6				639.858	3		
5										0.0	18.6				83.940	18.6				658.415	4		
6											18.6				108.504	18.6				676.919	5		
7											18.6				121.276	18.6				695.202	6		
8											18.6				140.009	18.6				713.590	7		
9											18.6				158.676	18.6				732.145	8		
10											18.6				177.457	18.6				750.596	9		
11											18.6				196.136	18.6				769.050	10		
12	62.0		0.023		61.977						18.6				214.913	18.6				787.550	11		
13	37.2		0.092		99.125						18.6				233.641	18.6				805.999	12		
14	0.0		0.051		99.074						18.6				252.364	18.6				824.448	13		
15			0.050		99.028						18.6				270.983	18.6				842.918	14		
16			0.063		98.959						18.6				289.498	18.6				861.262	15		
17			0.048		98.811						18.6				307.981	18.6				879.547	16		
18			0.048		98.663						18.6				326.429	18.6				897.829	17		
19			0.032		98.631						18.6				344.834	18.6				916.161	18		
20			0.032		98.799						18.6				363.304	18.6				934.384	19		
21			0.063		98.736						18.6				381.769	18.6				952.507	20		
22			0.063		98.673						18.6				400.230	18.6				970.433	21		
23			0.047		98.626						18.6				418.723	18.6				989.758	22		
24			0.047		98.579						18.6				437.213	18.6				1009.499	23		
25			0.047		98.532						18.6				455.663	18.6				1029.267	24		
26			0.047		98.485						18.6				474.148	18.6				1049.068	25		
27			0.016		98.469						18.6				492.551	18.6				1068.268	26		
28	0.0		0.047		156.722						18.6				510.970	18.6				1087.500	27		
29	35.0		0.096		191.666						18.6				529.507	18.6				1106.741	28		
30	0.0		0.110		191.505						18.6				547.911	18.6				1125.982	29		
31			0.027		191.529						18.6				566.255	18.6				1145.223	30		
TOTAL	192.5		1.025			191.364	0.109				587.566		2.971			694.0		8.595			1270.000	31	
DAY	MAY 1976					JUNE 1976					JULY 1976					AUGUST 1976					DAY		
1	60.3		0.328		1329.772	18.6				3091.779	18.4		1.073		1798.887	23.8			0.664		1056.094	1	
2	78.1		0.544		1407.388	18.6		1.194		3109.185	18.4		1.243		1779.244	23.8			0.771		1031.513	2	
3	63.3		0.617		1472.211	18.6		1.284		3126.901	18.4		1.202		1759.742	23.8			0.770		1006.943	3	
4	45.0		0.621		1515.590	18.4		1.469		3175.832	18.4		1.278		1740.054	23.8			0.878		982.265	4	
5	35.8		0.499		1551.691	18.6		1.400		3213.052	18.4		1.317		1720.347	23.8			0.877		957.588	5	
6	30.8		0.438		1592.253	18.6		1.326		3250.306	18.4		1.298		1700.709	23.8			0.856		933.132	6	
7	30.2		0.659		1611.884	18.6		1.265		3287.941	18.4		1.269		1681.049	23.8			0.762		908.570	7	
8	30.8		0.819		1644.205	18.6		1.002		3325.739	18.4		1.282		1661.367	23.8			0.976		883.708	8	
9	33.8		0.819		1676.186	0.0	162.6	1.057		3162.082	18.4		1.219		1641.748	23.8			0.973		859.021	9	
10	34.8		0.757		1708.289	18.6		0.470		3203.812	18.4		1.419		1621.989	23.8			0.969		834.252	10	
11	64.1		0.704		1771.625	308.865	0.846			3245.101	18.4		1.355		1602.174	23.8			0.967		809.485	11	
12	800.7		1.178		1972.147	187.9	0.992			3287.202	18.4		1.290		1582.484	23.8			0.856		784.289	12	
13	249.8		1.437		2219.510	124.1	1.019			3329.090	18.4		1.414		1562.670	23.8			0.631		757.998	13	
14	239.2		1.464		2437.241	109.932	1.165			3371.993	18.4		1.254		1543.016	23.8			0.311		726.487	14	
15	184.8		1.371		2640.674	0.0	1.369			3414.624	12.3		0.983		1523.733	23.8			0.310		698.377	15	
16	100.9		1.404		2760.170	0.3	1.289			3457.035	6.5		1.001		1504.232	23.8			0.513		668.254	16	
17	62.3		1.327		2821.141	0.5	1.121			3499.414	8.5		1.225		1484.507	23.8			0.402		643.856	17	
18	26.9		1.143		2846.696	3.1	1.307			3541.907	20.0		1.241		1464.266	23.8			0.306		619.650	18	
19	20.2		1.341		2864.957	4.9	1.061			3584.046	26.3		1.145		1443.621	23.8			0.302		595.548	19	
20	20.2		1.135		2883.022	3.7	1.146			3626.200	26.3		1.173		1422.368	23.8			0.398		558.956	20	
21	19.0		1.215		2902.804	12.5	1.160			3668.540	32.3		1.270		1388.798	23.8			0.479		527.277	21	
22	18.2		1.059		2919.965	18.2	1.270			3710.170	44.7		1.061		1343.077	23.8			0.569		508.908	22	
23	18.2		0.958		2936.957	18.2	1.292			3751.713	52.1		0.949		1296.968	23.8			0.469		487.539	23	
24	18.4		1.120		2954.237	18.2	1.337			3793.181	34.4		1.269		1254.319	23.8			0.541		461.898	24	
25	18.4		1.288		2971.349	18.2	1.281			3834.700	23.8		1.287		1229.232	23.8			0.423		397.875	25	
26	18.4		1.539		2988.210	18.2	1.365			3876.135	23.8		1.185		1204.247	23.8			0.369		353.886	26	
27	18.4		1.707		3004.903	18.2	1.674			3917.261	23.8		0.758		1179.689	23.8			0.294		319.762	27	
28	18.4		1.279		3022.024	18.2	1.475			3958.386	23.8		1.090		1154.799	23.8			0.389		291.573	28	
29	18.6		1.277		3039.347	18.2	1.418			3999.510	23.8		1.090		1129.909	23.8			0.529		263.244	29	
30	18.6		1.107		3057.040	18.4	1.208			4040.635	23.6		1.051		1105.011	23.8			0.276		235.127	30	
31	18.7		1.195		3074.545	18.4	1.263			4081.760	23.8		0.663		1080.548	23.8			0.284		209.543	31	
TOTAL	1837.1		32.555			224.2	1461.197	33.828			701.6		36.212			852.8		18.205				209.543	31
DAY	SEPTEMBER 1976					OCTOBER 1976					NOVEMBER 1976					DECEMBER 1976					DAY		
1			23.062		0.254					15.262													

Table C-44 (Cont'd)

OPERATIONS POOL

DAY	JANUARY 1977					FEBRUARY 1977					MARCH 1977					APRIL 1977					DAY
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	
1	18.4	0.009	0.028		52.018		2.2	0.062		395.056	18.7	0.187		744.233	6.6	0.629			1537.093	1	
2	29.6	0.028	0.088		61.590		2.5	0.061		393.495	18.2	0.287		762.146	0.0	0.783			1536.310	2	
3	71.3	0.086	0.266		152.864		7.7	0.119		385.676	10.3	0.288		772.158	0.0	0.776			1535.534	3	
4	60.2	0.035	0.105		213.089	11.7	0.0	0.121		397.255	6.6	0.289		778.469	3.7	0.289			1538.306	4	
5	21.9	0.038	0.118		234.991	21.6	0.0	0.127		418.728	6.6	0.290		784.779	6.0	0.922			1543.394	5	
6	7.5	0.040	0.120		282.351	19.8	0.0	0.068		438.460	10.4	0.487		794.692	17.7	1.069			1560.055	6	
7	10.9	0.041	0.121		293.210	19.8	0.0	0.138		458.122	14.0	0.395		808.297	24.6	1.060			1583.555	7	
8	12.7	0.043	0.123		265.867	19.8	0.0	0.143		477.779	27.1	0.395		806.094	24.5	0.747			1607.308	8	
9	13.1	0.046	0.126		278.921	19.8	0.0	0.073		497.506	37.0	0.104		871.990	24.6	0.445			1631.463	9	
10	13.9	0.0	0.0		292.821	19.8	0.0	0.152		517.154	38.4	0.325		901.065	24.6	0.743			1655.320	10	
11	13.9	0.051	0.153		306.670	24.1	0.0	0.158		588.096	38.6	0.337		948.328	23.3	0.889			1677.731	11	
12	13.9	0.053	0.153		320.517	21.2	0.0	0.163		562.133	39.8	0.348		987.780	22.6	1.034			1699.297	12	
13	12.7	0.054	0.154		333.163	19.1	0.0	0.167		580.766	39.2	0.359		1026.621	22.6	0.882			1721.015	13	
14	15.6	0.056	0.156		346.783	19.8	0.0	0.259		600.607	37.2	0.370		1065.451	20.1	1.023			1740.092	14	
15	15.3	0.0	0.0		364.063	11.1	0.0	0.262		611.445	35.1	0.380		1098.371	18.5	1.155			1777.847	15	
16	15.1	0.061	0.183		379.102	5.1	0.0	0.262		616.283	38.0	0.129		1136.062	18.3	0.987			1774.730	16	
17	18.3	0.063	0.189		397.339	5.8	0.0	0.263		621.820	39.2	0.401		1174.841	18.2	0.964			1793.365	17	
18	6.2	0.064	0.192		403.475	0.0	0.6	0.348		620.672	38.6	0.275		1213.166	18.2	1.091			1809.102	18	
19	4.2	0.065	0.195		407.610	0.0	1.6	0.344		618.728	38.6	0.421		1251.345	18.5	1.214			1826.388	19	
20	4.2	0.0	0.0		411.745	0.0	2.3	0.171		616.257	37.3	0.431		1288.214	18.6	1.342			1843.646	20	
21	0.0	0.0	0.0		411.180	5.7	0.0	0.0		621.957	37.7	0.587		1325.327	18.6	1.200			1861.046	21	
22	0.0	3.2	0.064		407.316	11.5	0.0	0.172		635.289	30.8	0.744		1355.383	21.2	1.065			1881.181	22	
23	0.0	6.4	0.063		421.453	18.9	0.0	0.087		650.088	26.0	0.503		1395.782	21.2	1.327			1901.094	23	
24	3.2	0.0	0.063		404.590	15.1	0.0	0.087		665.111	25.8	0.455		1406.127	21.2	0.868			1921.388	24	
25	0.0	0.0	0.0		404.590	15.2	0.0	0.265		680.046	25.6	0.153		1431.774	18.6	1.051			1938.877	25	
26	2.2	0.062	0.186		402.328	15.4	0.0	0.269		695.177	26.1	0.618		1457.256	18.6	0.783			1956.694	26	
27	0.0	0.062	0.186		402.266	15.5	0.0	0.181		710.496	25.754	0.780		1482.230	18.6	0.909			1974.385	27	
28	0.0	0.062	0.186		402.204	15.5	0.0	0.276		725.720	14.4	0.624		1496.006	20.7	1.034			1992.051	28	
29	0.0	0.0	0.0		402.142	15.6	0.0	0.0		740.000	12.5	0.783		1507.723	22.2	0.902			2015.349	29	
30	0.0	0.0	0.0		402.080	15.6	0.0	0.0		755.000	12.8	0.472		1520.051	23.7	0.385			2035.664	30	
31	3.7	0.062	0.186		398.118	15.6	0.0	0.0		770.000	11.7	0.629		1531.122	18.6	0.889			2055.664	31	
TOTAL	378.1	16.0	1.409			349.3	17.1	4.798			816.254	12.852			531.8	26.258				TOTAL	
DAY	MAY 1977					JUNE 1977					JULY 1977					AUGUST 1977					DAY
1	21.4	0.768	2.304		2057.296	90.3	1.846		2864.390	4.0	2.276		3621.587	66.8	2.930			2792.546	1		
2	21.1	0.764	2.292		2077.138	74.8	1.504		2937.686	4.0	2.585		3693.002	61.7	2.943			2797.953	2		
3	22.3	1.018	3.054		2098.914	44.0	1.732		2979.994	4.0	2.465		3624.517	81.5	2.734			2823.669	3		
4	21.9	1.021	3.063		2119.793	38.0	1.841		3016.113	4.0	2.246		3606.271	61.4	2.103			2840.166	4		
5	21.2	0.893	2.679		2140.100	38.0	1.494		3052.619	4.0	2.263		3627.988	81.4	2.316			2847.450	5		
6	25.7	0.766	2.302		2165.034	38.2	1.608		3089.211	4.0	2.467		3649.521	81.4	2.101			2872.949	6		
7	30.3	0.515	1.545		2194.019	38.2	1.956		3125.455	4.0	2.806		3630.715	69.0	1.686			2902.265	7		
8	23.1	0.256	0.768		2217.663	31.9	0.351		3162.093	0.0	22.120		3606.059	59.1	2.121			2921.042	8		
9	18.7	0.257	0.770		2236.106	121.1	0.351		3176.842	39.7	2.707		3635.652	47.368	2.148			2934.286	9		
10	18.6	0.513	1.539		2254.193	85.4	0.935		3316.307	39.7	2.572		3521.380	41.7	2.391			2947.888	10		
11	18.6	0.383	1.149		2272.410	22.9	1.398		3382.809	34.7	2.994		3484.086	15.6	2.238			2959.597	11		
12	22.3	0.512	1.536		2294.198	18.4	1.510		3399.699	26.8	2.776		3454.510	0.0	2.304			2973.293	12		
13	24.6	0.256	0.768		2318.548	18.6	1.507		3416.792	6.9	2.819		3442.791	2.389	2.389			2984.904	13		
14	24.6	0.640	1.920		2342.502	18.6	1.507		3433.885	0.0	2.871		3439.380	2.477	2.477			2992.427	14		
15	24.6	1.150	3.450		2365.952	18.6	1.743		3450.742	0.0	2.932		3436.988	2.571	2.571			2993.656	15		
16	24.6	0.889	2.667		2389.683	18.6	1.631		3467.911	0.0	2.159		3434.889	1.069	2.159			2998.787	16		
17	24.6	1.269	3.807		2412.994	18.6	1.869		3481.467	0.0	2.286		3431.943	0.0	2.159			2998.787	17		
18	24.6	0.892	2.676		2436.702	18.6	1.643		3501.999	14.9	2.764		3414.279	12.4	1.132			2998.787	18		
19	24.7	1.144	3.432		2460.258	19.0	1.647		3519.352	36.3	2.620		3375.359	19.6	2.401			2998.787	19		
20	23.3	1.263	3.789		2482.299	19.0	1.424		3536.928	43.8	2.651		3328.908	19.8	2.427			2998.787	20		
21	22.4	1.372	4.116		2503.323	19.2	1.920		3554.208	44.0	2.681		3282.227	19.8	2.452			2998.787	21		
22	22.2	0.982	2.946		2524.541	0.0	6.725		3545.202	44.0	2.891		3235.336	19.8	2.789			2998.787	22		
23	22.2	0.982	2.946		2546.135	19.4	0.0	2.322		3562.300	44.0	2.560		3188.775	19.8	2.507			2998.787	23	
24	22.4	0.721	2.163		2567.614	19.6	2.085		3579.815	44.0	2.599		3141.881	19.8	2.282			2998.787	24		
25	22.4	1.078	3.234		2588.936	17.0	2.104		3594.711	44.0	2.624		3096.557	19.8	2.222			2998.787	25		
26	22.4	1.073	3.225		2610.263	15.5	2.252		3607.959	40.2	2.840		3052.508	0.0	1.916			2998.787	26		
27	22.4	1.182	3.546		2631.481	8.3	2.410		3631.847	35.4	2.510		3014.598	0.0	2.290			2998.787	27		
28	27.2	1.290	3.870		2657.391	4.0	1.922		3655.921	25.2	2.757		2986.641	21.1	2.573			2998.787	28		
29	35.1	1.626	4.878		2690.865	4.0	1.821		3681.106	38.4	3.010		2951.231	33.7	2.559			2998.787	29		
30	35.0	1.612	4.842		2727.293	4.0	2.243		3699.863	41.2	3.255		2916.066	36.2	2.540			2998.787	30		
31	50.4	1.717	5.151		2775.936	4.0	2.243		3699.863	42.0	2.490		2882.276	37.7	2.203			2998.787	31		
TOTAL	767.7	26.428	79.812			902.4	6.725	51.748			26.0	703.320	82.267		116.8	835.668	69.632			TOTAL	
DAY	SEPTEMBER 1977					DECEMBER 1977					FEBRUARY 1978					FEBRUARY 1979					DAY
1	37.7	2.500	7.500		2035.575	0.026			125.899											1	
2	37.7	2.171	6.513		1995.705	0.025			125.874											2	
3	37.7	2.467	7.401		1955.538	0.025			125.849											3	
4	37.7	2.449	7.347		1915.389	0															

Table C-44 (Cont'd)

OPERATIONS POOL

DAY	MARCH 1979					APRIL 1979					MAY 1979					OCTOBER 1979					DAY			
	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE	IN STORAGE	OUT STORAGE	EVAPORATION	RELEASE ADJUSTMENT	ADJUSTED STORAGE				
1	205.6		0.169		896.059	240.5		0.651		6194.699			0.609		2803.982									1
2	134.7		0.185		1028.574	167.6		1.527		6360.772			0.457		2138.825									2
3	51.2		0.286		1079.488	120.5		1.531		6479.761			0.400		1473.825									3
4	53.2		0.299		1132.393	139.6		1.759		6617.598			0.291		828.954									4
5	53.9		0.298		1185.955	209.9		1.769		6825.723			0.042		144.342									5
6	70.0		0.307		1255.688	272.2		0.892		7097.031					0.0									6
7	185.1		0.451		1340.337	272.6		1.364		7368.287			144.3	0.0	0.0									7
8	276.1		0.311		1715.926	247.2		1.843		7613.624														8
9	277.6		0.567		1993.159	250.8		1.401		7863.023														9
10	261.9		0.608		2254.451	124.6		1.625		7995.998														10
11	263.5		0.489		2517.462	45.6		1.390		8030.208														11
12	286.6		0.697		2803.365	17.9		1.376		8046.732														12
13	277.4		0.764		3080.001	6.7		1.611		8051.621														13
14	229.1		0.387		3304.714	0.0		2.222		8049.399														14
15	228.9		0.593		3533.001			2.390		8047.009														15
16	266.0		0.409		3798.612			2.527		8044.482														16
17	228.6		0.214		4024.998			1.463		8043.019														17
18	179.2		0.867		4203.331	0.0		1.665		8041.354														18
19	156.7		0.219		4399.812	185.3		1.889		7914.225														19
20	105.1		0.879		4464.133	194.1		1.976		7718.149														20
21	99.5		0.657		4322.976	187.9		1.913		7528.336														21
22	46.7		0.649		4669.027	186.3		1.851		7301.185														22
23	37.3		1.072		4609.295	190.1		1.781		7148.304														23
24	32.1		1.057		4636.298	192.3		1.725		6994.279														24
25	33.4		1.253		4668.445	399.5		1.292		6553.487														25
26	125.9		0.627		4793.718	554.7		0.869		5997.918														26
27	202.3		1.039		4994.879	568.2		1.032		5428.686														27
28	215.3		0.411		5209.768	627.5		1.003		4800.183														28
29	225.3		0.205		4834.443	664.6		1.123		4139.460														29
30	245.3		0.421		5679.322	664.6		0.769		3469.091														30
31	276.6		1.072		5954.850																			31
TOTAL	5082.5		38.274			2115.7	4555.1	46.359				3467.3	1.749				159.8	0.111						TOTAL
DAY	JULY 1980					AUGUST 1980					FOOTNOTE					DAY								
1								0.0		471.590	a. Released because Terminus Reservoir above allowable.					1								
2								18.6		452.726						2								
3								34.7		417.595						3								
4								68.6		348.973						4								
5	0.0	0.0		0.0				75.3		273.531						5								
6																6								
7	90.6	0.030		90.570		291.9	0.012		21.642							7								
8	138.6	0.080		229.090		21.6			0.0							8								
9	74.1	0.108		303.082												9								
10	19.1	0.105		322.077												10								
11	7.9	0.112		329.865												11								
12	7.9	0.125		337.640												12								
13	7.9	0.119		345.421												13								
14	7.9	0.148		353.173												14								
15	37.6	0.168		410.611												15								
16	41.4	0.201		451.810												16								
17	10.2	0.220		461.790												17								
18	6.0	0.191		469.599												18								
19	8.0	0.196		477.403												19								
20	8.0	0.203		485.200												20								
21	8.0	0.246		492.994												21								
22		13.0	0.282	479.672												22								
23		25.6	0.255	453.217												23								
24		25.7	0.201	427.916												24								
25		4.7	0.244	422.972												25								
26		7.9	0.157	430.715												26								
27		7.9	0.238	438.377												27								
28		7.9	0.245	446.032												28								
29		7.9	0.269	453.663												29								
30		7.9	0.246	461.317												30								
31		3.0	0.244	469.073												31								
31			0.221	471.852							TOTAL													
TOTAL	545.6	69.0	4.748			470.8	1.009																	TOTAL

Table C-45

TULARE COUNTY RECREATIONAL STORAGE
(in acre-feet)*

Month	Water Year				
	1975-76	1976-77	1977-78	1978-79	1979-80
October	7581	7148	7090	6707	6500
November	7553	7386	7057	7090	6480
December	7549	7646	7060	7105	6477
January	7534	8029	7078	7122	6500
February	7524	8000	7080	7124	6509
March	7499	7952	7094	7115	6509
April	7595	7864	7101	7096	6490
May	7535	7807	7068	7063	6465
June	7449	7720	7032	7010	6435
July	7312	7573	6975	6916	6382
August	7146	7396	6869	6749	6306
September	7016	7226	6792	6581	6194

*Total in storage on the last day of the month.

CONVERSION FACTORS

Quantity	To Convert from Metric Unit	To Customary Unit	Multiply Metric Unit By	To Convert to Metric Unit Multiply Customary Unit By
Length	millimetres (mm)	inches (in)	0.03937	25.4
	centimetres (cm) for snow depth	inches (in)	0.3937	2.54
	metres (m)	feet (ft)	3.2808	0.3048
	kilometres (km)	miles (mi)	0.62139	1.6093
Area	square millimetres (mm ²)	square inches (in ²)	0.00155	645.16
	square metres (m ²)	square feet (ft ²)	10.764	0.092903
	hectares (ha)	acres (ac)	2.4710	0.40469
	square kilometres (km ²)	square miles (mi ²)	0.3861	2.590
Volume	litres (L)	gallons (gal)	0.26417	3.7854
	megalitres	million gallons (10 ⁶ gal)	0.26417	3.7854
	cubic metres (m ³)	cubic feet (ft ³)	35.315	0.028317
	cubic metres (m ³)	cubic yards (yd ³)	1.308	0.76455
	cubic dekametres (dam ³)	acre-feet (ac-ft)	0.8107	1.2335
Flow	cubic metres per second (m ³ /s)	cubic feet per second (ft ³ /s)	35.315	0.028317
	litres per minute (L/min)	gallons per minute (gal/min)	0.26417	3.7854
	litres per day (L/day)	gallons per day (gal/day)	0.26417	3.7854
	megalitres per day (ML/day)	million gallons per day (mgd)	0.26417	3.7854
	cubic dekametres per day (dam ³ /day)	acre-feet per day (ac-ft/day)	0.8107	1.2335
Mass	kilograms (kg)	pounds (lb)	2.2046	0.45359
	megagrams (Mg)	tons (short, 2,000 lb)	1.1023	0.90718
Velocity	metres per second (m/s)	feet per second (ft/s)	3.2808	0.3048
Power	kilowatts (kW)	horsepower (hp)	1.3405	0.746
Pressure	kilopascals (kPa)	pounds per square inch (psi)	0.14505	6.8948
	kilopascals (kPa)	feet head of water	0.33456	2.989
Specific Capacity	litres per minute per metre drawdown	gallons per minute per foot drawdown	0.08052	12.419
Concentration	milligrams per litre (mg/L)	parts per million (ppm)	1.0	1.0
Electrical Conductivity	microsiemens per centimetre (µS/cm)	micromhos per centimetre	1.0	1.0
Temperature	degrees Celsius (°C)	degrees Fahrenheit (°F)	(1.8 × °C) + 32	(°F - 32) / 1.8

State of California—Resources Agency
Department of Water Resources
P.O. Box 388
Sacramento
95802

